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FINAL
APPENDICES
TO VOLUME I
TECHNICAL REPORT
(A007)

All Source Analysis System (ASAS)
Block I
Abbreviated HARDMAN Analysis
(Delivery Order Number 0041)

April 1992

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MAY 21 1992

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Prepared for:

U.S. Army Training & Doctrine
Command (TRADOC)
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Contract Number
DABT60-87-D-3873

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92-13404



REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

1a. REPORT SECURITY CLASSIFICATION Unclassified			1b. RESTRICTIVE MARKINGS N/A		
2a. SECURITY CLASSIFICATION AUTHORITY N/A			3. DISTRIBUTION AVAILABILITY OF REPORT Unlimited		
2b. DECLASSIFICATION/DOWNGRADING SCHEDULE N/A					
4. PERFORMING ORGANIZATION REPORT NUMBER(S) A007 and A009 (DD Form 1423)			5. MONITORING ORGANIZATION REPORT NUMBER(S) N/A		
6a. NAME OF PERFORMING ORGANIZATION HAY Systems, Inc.		6b. OFFICE SYMBOL (If applicable)		7a. NAME OF MONITORING ORGANIZATION U.S. Army Training and Doctrine Command	
6c. ADDRESS (City, State, and ZIP Code) 2000 M Street, N.W. Suite 650 Washington, DC 20036-3307			7b. ADDRESS (City, State, and ZIP Code) ATTN: ATCA Ft. Eustis, VA 23604-5538		
8a. NAME OF FUNDING/SPONSORING ORGANIZATION USTAPC		8b. OFFICE SYMBOL (If applicable) TAPC-PI-MPT		9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER DABT60-87-D-3873	
8c. ADDRESS (City, State, and ZIP Code) ATTN: TAPC-PI-MPT 200 Stovall Street Alexandria, VA 22332-1345			10. SOURCE OF FUNDING NUMBERS PROGRAM ELEMENT NO. PROJECT NO. TASK NO. WORK UNIT ACCESSION NO.		
11. TITLE (Include Security Classification) All Source Analysis System (ASAS) Block I Abbreviated HARDMAN Analysis Final Technical Report, Volume I Appendices					
12. PERSONAL AUTHOR(S) James C. Whitfield, Kimball R. Stuhlmuller, Scott A. Jashinski, Edward Burke, Dean DeVault					
13a. TYPE OF REPORT Final Report		13b. TIME COVERED FROM November 1991 TO April 1992		14. DATE OF REPORT (Year, Month, Day) 1992, April	
15. PAGE COUNT					
16. SUPPLEMENTARY NOTATION Analysis performed in support of the All Source Analysis System Project Office, 1500 PRC Drive, McLean VA 22102					
17. COSATI CODES FIELD GROUP SUB-GROUP			18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number) All Source Analysis System (ASAS) HARDMAN Comparability Methodology (HCM) Manpower, Personnel, and Training (MPT) Analysis		
19. ABSTRACT (Continue on reverse if necessary and identify by block number) This volume contains the supporting documentation to Volume I, II and III of the ASAS Block I Abbreviated HARDMAN Analysis. The HCM was used to determine manpower, personnel, and training (MPT) requirements of the Block I ASAS, as well as the impacts of those requirements on the Army's current and future resources.					
20. DISTRIBUTION/AVAILABILITY OF ABSTRACT <input checked="" type="checkbox"/> UNCLASSIFIED/UNLIMITED <input type="checkbox"/> SAME AS RPT. <input type="checkbox"/> DTIC USERS			21. ABSTRACT SECURITY CLASSIFICATION Unclassified		
22a. NAME OF RESPONSIBLE INDIVIDUAL MAJ Richard Ward, ASAS Project Office			22b. TELEPHONE (Include Area Code) (703) 556-3081		22c. OFFICE SYMBOL SFAE-CC-INT-LL

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Justification	
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Dist	Avail and/or Special
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Appendix A

TSE WCG Maintenance Data

TRE WCG Maintenance Data

		37J	38H	31V	33T	32C	32D	32J	38N	33D	34B	30E	30H	30A	31T	31H	31V	31C	30L	43M	44B
		QTY	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)
ANTICORONA WCG																					
COMPUTER MICROVAX II	L2A	1	0	0	21.8	0	0	0	0	0	0	0	0	0	0	0	5.8	0	0	0	0
MONITOR GRAPHICAL FLAGGED	L2B	2	0	0	0	0	0	0	0	0	0	0	0	0	0	30.8	0	0	0	0	0
POWER SUPPLY	L2D	1	0	0	0.2	0	0	0	0	0	3.2	0	0	0	19.4	0	0.38	0	0	0	0
PRINTER APP	L2F	1	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0
KEYBOARD	L2H	1	0	0	0	0	0	0	0	0	0	0	0	0	1.4	0	0	0	0	0	0
MOUSE	L2J	1	0	0	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DISK DRIVE (DISK PACK)	L4V37	1	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OPTICAL DISK DRIVE	L4V43	1	0	0	0.1	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0
TOTAL AMB			0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.2	0.0	6.2	0.0	0.0	0.0	0.0
		32C	32D	32J	33W	38L	30E	30H	33H	33M	30B	44B	32C	32D	32J	33W	TOTAL QUANTITY		TOTAL		
		QTY	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)	(G8)
COMPUTER MICROVAX II																					
MONITOR GRAPHICAL FLAGGED	L2B	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.8	30.8	0	50.4	
POWER SUPPLY	L2D	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.2	19.88	0	23.18	
PRINTER APP	L2F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.3	0	0.5	
KEYBOARD	L2H	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4	0	1.4	
MOUSE	L2J	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8	0	0	0.8	
DISK DRIVE (DISK PACK)	L4V37	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0.2	
OPTICAL DISK DRIVE	L4V43	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.2	0	0.3	
TOTAL AMB			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	

Appendix B

TSE DPS Maintenance Data

Table D-2. Maintenance Data

[illegible]

Appendix C
CCS Maintenance Data

CC3 Maintenance Data

AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB		AMTQ-60V2 CCB	
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Appendix D

TCAE W/S Maintenance Data

TC&E Worksheet		27J	28H	31V	33V	32C	32D	32E	32F	32G	32H	32I	32J	32K	32L	32M	32N	32O	32P	32Q	32R	32S	32T	32U	32V	32W	32X	32Y	32Z	32AA	32AB	32AC	32AD	32AE	32AF	32AG	32AH	32AI	32AJ	32AK	32AL	32AM	32AN	32AO	32AP	32AQ	32AR	32AS	32AT	32AU	32AV	32AW	32AX	32AY	32AZ	32BA	32BB	32BC	32BD	32BE	32BF	32BG	32BH	32BI	32BJ	32BK	32BL	32BM	32BN	32BO	32BP	32BQ	32BR	32BS	32BT	32BU	32BV	32BW	32BX	32BY	32BZ	32CA	32CB	32CC	32CD	32CE	32CF	32CG	32CH	32CI	32CJ	32CK	32CL	32CM	32CN	32CO	32CP	32CQ	32CR	32CS	32CT	32CU	32CV	32CW	32CX	32CY	32CZ	32DA	32DB	32DC	32DD	32DE	32DF	32DG	32DH	32DI	32DJ	32DK	32DL	32DM	32DN	32DO	32DP	32DQ	32DR	32DS	32DT	32DU	32DV	32DW	32DX	32DY	32DZ	32EA	32EB	32EC	32ED	32EE	32EF	32EG	32EH	32EI	32EJ	32EK	32EL	32EM	32EN	32EO	32EP	32EQ	32ER	32ES	32ET	32EU	32EV	32EW	32EX	32EY	32EZ	32FA	32FB	32FC	32FD	32FE	32FF	32FG	32FH	32FI	32FJ	32FK	32FL	32FM	32FN	32FO	32FP	32FQ	32FR	32FS	32FT	32FU	32FV	32FW	32FX	32FY	32FZ	32GA	32GB	32GC	32GD	32GE	32GF	32GG	32GH	32GI	32GJ	32GK	32GL	32GM	32GN	32GO	32GP	32GQ	32GR	32GS	32GT	32GU	32GV	32GW	32GX	32GY	32GZ	32HA	32HB	32HC	32HD	32HE	32HF	32HG	32HH	32HI	32HJ	32HK	32HL	32HM	32HN	32HO	32HP	32HQ	32HR	32HS	32HT	32HU	32HV	32HW	32HX	32HY	32HZ	32IA	32IB	32IC	32ID	32IE	32IF	32IG	32IH	32II	32IJ	32IK	32IL	32IM	32IN	32IO	32IP	32IQ	32IR	32IS	32IT	32IU	32IV	32IW	32IX	32IY	32IZ	32JA	32JB	32JC	32JD	32JE	32JF	32JG	32JH	32JI	32JJ	32JK	32JL	32JM	32JN	32JO	32JP	32JQ	32JR	32JS	32JT	32JU	32JV	32JW	32JX	32JY	32JZ	32KA	32KB	32KC	32KD	32KE	32KF	32KG	32KH	32KI	32KJ	32KK	32KL	32KM	32KN	32KO	32KP	32KQ	32KR	32KS	32KT	32KU	32KV	32KW	32KX	32KY	32KZ	32LA	32LB	32LC	32LD	32LE	32LF	32LG	32LH	32LI	32LJ	32LK	32LL	32LM	32LN	32LO	32LP	32LQ	32LR	32LS	32LT	32LU	32LV	32LW	32LX	32LY	32LZ	32MA	32MB	32MC	32MD	32ME	32MF	32MG	32MH	32MI	32MJ	32MK	32ML	32MM	32MN	32MO	32MP	32MQ	32MR	32MS	32MT	32MU	32MV	32MW	32MX	32MY	32MZ	32NA	32NB	32NC	32ND	32NE	32NF	32NG	32NH	32NI	32NJ	32NK	32NL	32NM	32NN	32NO	32NP	32NQ	32NR	32NS	32NT	32NU	32NV	32NW	32NX	32NY	32NZ	32OA	32OB	32OC	32OD	32OE	32OF	32OG	32OH	32OI	32OJ	32OK	32OL	32OM	32ON	32OO	32OP	32OQ	32OR	32OS	32OT	32OU	32OV	32OW	32OX	32OY	32OZ	32PA	32PB	32PC	32PD	32PE	32PF	32PG	32PH	32PI	32PJ	32PK	32PL	32PM	32PN	32PO	32PP	32PQ	32PR	32PS	32PT	32PU	32PV	32PW	32PX	32PY	32PZ	32QA	32QB	32QC	
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Appendix E
TCAC Maintenance Data

TCAC Maintenance Data

TCAC		31J	31V	31W	31X	31Y	31Z	32A	32B	32C	32D	32E	32F	32G	32H	32I	32J	32K	32L	32M	32N	32O	32P	32Q	32R	32S	32T	32U	32V	32W	32X	32Y	32Z	33A	33B	33C	33D	33E	33F	33G	33H	33I	33J	33K	33L	33M	33N	33O	33P	33Q	33R	33S	33T	33U	33V	33W	33X	33Y	33Z	34A	34B	34C	34D	34E	34F	34G	34H	34I	34J	34K	34L	34M	34N	34O	34P	34Q	34R	34S	34T	34U	34V	34W	34X	34Y	34Z	35A	35B	35C	35D	35E	35F	35G	35H	35I	35J	35K	35L	35M	35N	35O	35P	35Q	35R	35S	35T	35U	35V	35W	35X	35Y	35Z	36A	36B	36C	36D	36E	36F	36G	36H	36I	36J	36K	36L	36M	36N	36O	36P	36Q	36R	36S	36T	36U	36V	36W	36X	36Y	36Z	37A	37B	37C	37D	37E	37F	37G	37H	37I	37J	37K	37L	37M	37N	37O	37P	37Q	37R	37S	37T	37U	37V	37W	37X	37Y	37Z	38A	38B	38C	38D	38E	38F	38G	38H	38I	38J	38K	38L	38M	38N	38O	38P	38Q	38R	38S	38T	38U	38V	38W	38X	38Y	38Z	39A	39B	39C	39D	39E	39F	39G	39H	39I	39J	39K	39L	39M	39N	39O	39P	39Q	39R	39S	39T	39U	39V	39W	39X	39Y	39Z	40A	40B	40C	40D	40E	40F	40G	40H	40I	40J	40K	40L	40M	40N	40O	40P	40Q	40R	40S	40T	40U	40V	40W	40X	40Y	40Z	41A	41B	41C	41D	41E	41F	41G	41H	41I	41J	41K	41L	41M	41N	41O	41P	41Q	41R	41S	41T	41U	41V	41W	41X	41Y	41Z	42A	42B	42C	42D	42E	42F	42G	42H	42I	42J	42K	42L	42M	42N	42O	42P	42Q	42R	42S	42T	42U	42V	42W	42X	42Y	42Z	43A	43B	43C	43D	43E	43F	43G	43H	43I	43J	43K	43L	43M	43N	43O	43P	43Q	43R	43S	43T	43U	43V	43W	43X	43Y	43Z	44A	44B	44C	44D	44E	44F	44G	44H	44I	44J	44K	44L	44M	44N	44O	44P	44Q	44R	44S	44T	44U	44V	44W	44X	44Y	44Z	45A	45B	45C	45D	45E	45F	45G	45H	45I	45J	45K	45L	45M	45N	45O	45P	45Q	45R	45S	45T	45U	45V	45W	45X	45Y	45Z	46A	46B	46C	46D	46E	46F	46G	46H	46I	46J	46K	46L	46M	46N	46O	46P	46Q	46R	46S	46T	46U	46V	46W	46X	46Y	46Z	47A	47B	47C	47D	47E	47F	47G	47H	47I	47J	47K	47L	47M	47N	47O	47P	47Q	47R	47S	47T	47U	47V	47W	47X	47Y	47Z	48A	48B	48C	48D	48E	48F	48G	48H	48I	48J	48K	48L	48M	48N	48O	48P	48Q	48R	48S	48T	48U	48V	48W	48X	48Y	48Z	49A	49B	49C	49D	49E	49F	49G	49H	49I	49J	49K	49L	49M	49N	49O	49P	49Q	49R	49S	49T	49U	49V	49W	49X	49Y	49Z	50A	50B	50C	50D	50E	50F	50G	50H	50I	50J	50K	50L	50M	50N	50O	50P	50Q	50R	50S	50T	50U	50V	50W	50X	50Y	50Z	51A	51B	51C	51D	51E	51F	51G	51H	51I	51J	51K	51L	51M	51N	51O	51P	51Q	51R	51S	51T	51U	51V	51W	51X	51Y	51Z	52A	52B	52C	52D	52E	52F	52G	52H	52I	52J	52K	52L	52M	52N	52O	52P	52Q	52R	52S	52T	52U	52V	52W	52X	52Y	52Z	53A	53B	53C	53D	53E	53F	53G	53H	53I	53J	53K	53L	53M	53N	53O	53P	53Q	53R	53S	53T	53U	53V	53W	53X	53Y	53Z	54A	54B	54C	54D	54E	54F	54G	54H	54I	54J	54K	54L	54M	54N	54O	54P	54Q	54R	54S	54T	54U	54V	54W	54X	54Y	54Z	55A	55B	55C	55D	55E	55F	55G	55H	55I	55J	55K	55L	55M	55N	55O	55P	55Q	55R	55S	55T	55U	55V	55W	55X	55Y	55Z	56A	56B	56C	56D	56E	56F	56G	56H	56I	56J	56K	56L	56M	56N	56O	56P	56Q	56R	56S	56T	56U	56V	56W	56X	56Y	56Z	57A	57B	57C	57D	57E	57F	57G	57H	57I	57J	57K	57L	57M	57N	57O	57P	57Q	57R	57S	57T	57U	57V	57W	57X	57Y	57Z	58A	58B	58C	58D	58E	58F	58G	58H	58I	58J	58K	58L	58M	58N	58O	58P	58Q	58R	58S	58T	58U	58V	58W	58X	58Y	58Z	59A	59B	59C	59D	59E	59F	59G	59H	59I	59J	59K	59L	59M	59N	59O	59P	59Q	59R	59S	59T	59U	59V	59W	59X	59Y	59Z	60A	60B	60C	60D	60E	60F	60G	60H	60I	60J	60K	60L	60M	60N	60O	60P	60Q	60R	60S	60T	60U	60V	60W	60X	60Y	60Z	61A	61B	61C	61D	61E	61F	61G	61H	61I	61J	61K	61L	61M	61N	61O	61P	61Q	61R	61S	61T	61U	61V	61W	61X	61Y	61Z	62A	62B	62C	62D	62E	62F	62G	62H	62I	62J	62K	62L	62M	62N	62O	62P	62Q	62R	62S	62T	62U	62V	62W	62X	62Y	62Z	63A	63B	63C	63D	63E	63F	63G	63H	63I	63J	63K	63L	63M	63N	63O	63P	63Q	63R	63S	63T	63U	63V	63W	63X	63Y	63Z	64A	64B	64C	64D	64E	64F	64G	64H	64I	64J	64K	64L	64M	64N	64O	64P	64Q	64R	64S	64T	64U	64V	64W	64X	64Y	64Z	65A	65B	65C	65D	65E	65F	65G	65H	65I	65J	65K	65L	65M	65N	65O	65P	65Q	65R	65S	65T	65U	65V	65W	65X	65Y	65Z	66A	66B	66C	66D	66E	66F	66G	66H	66I	66J	66K	66L	66M	66N	66O	66P	66Q	66R	66S	66T	66U	66V	66W	66X	66Y	66Z	67A	67B	67C	67D	67E	67F	67G	67H	67I	67J	67K	67L	67M	67N	67O	67P	67Q	67R	67S	67T	67U	67V	67W	67X	67Y	67Z	68A	68B	68C	68D	68E	68F	68G	68H	68I	68J	68K	68L	68M	68N	68O	68P	68Q	68R	68S	68T	68U	68V	68W	68X	68Y	68Z	69A	69B	69C	69D	69E	69F	69G	69H	69I	69J	69K	69L	69M	69N	69O	69P	69Q	69R	69S	69T	69U	69V	69W	69X	69Y	69Z	70A	70B	70C	70D	70E	70F	70G	70H	70I	70J	70K	70L	70M	70N	70O	70P	70Q	70R	70S	70T	70U	70V	70W	70X	70Y	70Z	71A	71B	71C	71D	71E	71F	71G	71H	71I	71J	71K	71L	71M	71N	71O	71P	71Q	71R	71S	71T	71U	71V	71W	71X	71Y	71Z	72A	72B	72C	72D	72E	72F	72G	72H	72I	72J	72K	72L	72M	72N	72O	72P	72Q	72R	72S	72T	72U	72V	72W	72X	72Y	72Z	73A	73B	73C	73D	73E	73F	73G	73H	73I	73J	73K	73L	73M	73N	73O	73P	73Q	73R	73S	73T	73U	73V	73W	73X	73Y	73Z	74A	74B	74C	74D	74E	74F	74G	74H	74I	74J	74K	74L	74M	74N	74O	74P	74Q	74R	74S	74T	74U	74V	74W	74X	74Y	74Z	75A	75B	75C	75D	75E	75F	75G	75H	75I	75J	75K	75L	75M	75N	75O	75P	75Q	75R	75S	75T	75U	75V	75W	75X	75Y	75Z	76A	76B	76C	76D	76E	76F	76G	76H	76I	76J	76K	76L	76M	76N	76O	76P	76Q	76R	76S	76T	76U	76V	76W	76X	76Y	76Z	77A	77B	77C	77D	77E	77F	77G	77H	77I	77J	77K	77L	77M	77N	77O	77P	77Q	77R	77S	77T	77U	77V	77W	77X	77Y	77Z	78A	78B	78C	78D	78E	78F	78G	78H	78I	78J	78K	78L	78M	78N	78O	78P	78Q	78R	78S	78T	78U	78V	78W	78X	78Y	78Z	79A	79B	79C	79D	79E	79F	79G	79H	79I	79J	79K	79L	79M	79N	79O	79P	79Q	79R	79S	79T	79U	79V	79W	79X	79Y	79Z	80A	80B	80C	80D	80E	80F	80G	80H	80I	80J	80K	80L	80M	80N	80O	80P	80Q	80R	80S	80T	80U	80V	80W	80X	80Y	80Z	81A	81B	81C	81D	81E	81F	81G	81H	81I	81J	81K	81L	81M	81N	81O	81P	81Q	81R	81S	81T	81U	81V	81W	81X	81Y	81Z	82A	82B	82C	82D	82E	82F	82G	82H	82I	82J	82K	82L	82M	82N	82O	82P	82Q	82R	82S	82T	82U	82V	82W	82X	82Y	82Z	83A	83B	83C	83D	83E	83F	83G	83H	83I	83J	83K	83L	83M	83N	83O	83P	83Q	83R	83S	83T	83U	83V	83W	83X	83Y	83Z	84A	84B	84C	84D	84E	84F	84G	84H	84I	84J	84K	84L	84M	84N	84O	84P	84Q	84R	84S	84T	84U	84V	84W	84X	84Y	84Z	85A	85B	85C	85D	85E	85F	85G	85H	85I	85J	85K	85L	85M	85N	85O	85P	85Q	85R	85S	85T	85U	85V	85W	85X	85Y	85Z	86A	86B	86C	86D	86E	86F	86G	86H	86I	86J	86K	86L	86M	86N	86O	86P	86Q	86R	86S	86T	86U	86V	86W	86X	86Y	86Z	87A	87B	87C	87D	87E	87F	87G	87H	87I	87J	87K	87L	87M	87N	87O	87P	87Q	87R	87S	87T	87U	87V	87W	87X	87Y	87Z	88A	88B	88C	88D	88E	88F	88G	88H	88I	88J	88K	88L	88M	88N	88O	88P	88Q	88R	88S	88T	88U	88V	88W	88X	88Y	88Z	89A	89B	89C	89D	89E	89F	89G	89H	89I	89J	89K	89L	89M	89N	89O	89P	89Q	89R	89S	89T	89U	89V	89W	89X	89Y	89Z	90A	90B	90C	90D	90E	90F	90G	90H	90I	90J	90K	90L	90M	90N	90O	90P	90Q	90R	90S	90T	90U	90V</
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Appendix F
ASIOE Maintenance Data

ASNOE Workload Data

EQUIPMENT ITEM	LN/ LN	27J (DB)	28H (DB)	31V (DB)	33T (DB)	32C (DB)	32D (DB)	33B (DB)	33J (DB)	38N (DB)	38D (DB)	38E (DB)	38H (DB)	38V (DB)	38C (DB)	39L (DB)	43M (DB)	44B (DB)	52C (DB)
IEEE DATA ADAPTER	A09003																		
ECU FLAME 18.000 BTU	A24483					224.0													
ALARM CHRM ADHNT AUTO P-M	A32080			1.3								2.4							
ANALYZER TB-408410	A58223																		
SATCOM ANTENNA TACTICAL	A78212			28.0															
ANTENNA	A78381			2.8			18.8					1.4							
MOUNT CAS90	A80817																		
GNTR ELEC DQIT: ANUJRM-488	C18288				0.0														
DET AMP-PC-3	D15941																		
ENCRYPT DEV T SEC MG-44	E03028																		
UHF CONTROL HEAD C-10739	E94970			2.8	0.0							1.4							
CONTD RADIO REL C-8633WARC	E95084									0.4									
TRANSFER KEY K76-197SEC	E98103			0.3															
CONVERTER DQDC	F01288																		
POWER CONVERTER JPB	F03382			43.8															
DIST 378 ELEC: M 200A	F53485					70.0						10.2							
DIST 378 ELEC: M 200A	F53489					70.0													
DATA LINK PROCESSOR	F77887				494.2														
DECONTAMINATION APP	F81880				0.0				42.0										
FIBER OPTIC NOISE SWITCH	F81880																		
DISTRIBUTION BOX J-1077AU	G38890																		
GEN. DSL 10 KW. PU-733M	G40744					285.8		88.0	18.5										4.2
MCPE M-20	H48009																		
MONITOR Graphics Rugged	HEL18																		
GO-FROM PLAYER	HEL100																		
DISK DRIVE 3.25"	HEL100																		
PRINTER COLOR	HEL1PC																		
PRINTER LASER	HEL1PL																		
KEYBOARD	HEL1R																		
TAPE DRIVE 0.25"	HEL1TD																		
COMPUTER CHASSIS	HEL1X																		
ELEC SHOP SHELTER ANV17	H01812																		
GEN. 30 KW. PU-408 BM	J38383					257.8		88.0											
ADAPTIVE PROG INTERFACE UNIT	K14851																		
COMPUTER MICROVAX III	L2A			21.8										5.8					
MONITOR GRAPHICS RUGGED	L2B			1.8										0.3					
POWER SUPPLY	L2D			0.2															
PRINTER AOP	L2F																		
KEYBOARD	L2R			0.8															
MOUSE	L2S			0.2															
WORKSTATION TRANSIT FRAME	L2X																		
SHELTER S2800	L4B																		
COMM PROTOCOL PROC	L4K01			24.4								0.0							
MULTI RATE MODEM	L4K11			5.7															
MICROVAX III	L4K11			0.3										0.5					
DISK DRIVE (DISK PACK)	L4V			8.8															
DISK DRIVE (DISK PACK)	L4V37			0.1								3.2							
OPTICAL DISK DRIVE	L4V43			0.1															
PUSH TO TALK ASSEMBLY	L6ABA																		
TERMINAL DATA PROCESSING	L6ABE			0.4															
DISK DRIVE UNIT. PRIOU 53	L6ABK			4.3															
COMPUTER. P-1784	L6ABL			8.3										0.3					
LINE ADAPTOR ASSEMBLY	L6ABM			6.0										0.1					
PRINTER AOP	L6ABP			41.2															
RECORDER MOR 300 PHOTO FREQ	L6ABR																		
POWER DIST A CONTR ASSY	L6ABS			4.1															
COMM PROTOCOL PROC ASSY	L6ABT			3.4										0.1					
CONVERTER UNBAL TO BAL	L6ACC																		
SHELTER S2800	L6ACG			83.5															
DATA LINK PROCESSOR	L6AJK			0.1															
DISK DRIVE DISK PACK	L6AJR			0.2															
LARGE SCREEN DISPLAY	L6ASC			5.1															
MULTIPLIER TD-1289 20RPC	M57715			2.8															
MODEM CODEX II CHAS2 CHAND	M57721																		

[illegible]

ASTOE Workload Data

MONUMENT ITEM	1101 ACR01	210 ACR02	311 ACR03	320 ACR04	330 ACR05	340 ACR06	350 ACR07	360 ACR08	370 ACR09	380 ACR10	390 ACR11	400 ACR12	410 ACR13	420 ACR14	430 ACR15	440 ACR16	450 ACR17	460 ACR18	470 ACR19	480 ACR20	490 ACR21	500 ACR22	510 ACR23	520 ACR24	530 ACR25	540 ACR26	550 ACR27	560 ACR28	570 ACR29	580 ACR30	590 ACR31	600 ACR32	610 ACR33	620 ACR34	630 ACR35	640 ACR36	650 ACR37	660 ACR38	670 ACR39	680 ACR40	690 ACR41	700 ACR42	710 ACR43	720 ACR44	730 ACR45	740 ACR46	750 ACR47	760 ACR48	770 ACR49	780 ACR50	790 ACR51	800 ACR52	810 ACR53	820 ACR54	830 ACR55	840 ACR56	850 ACR57	860 ACR58	870 ACR59	880 ACR60	890 ACR61	900 ACR62	910 ACR63	920 ACR64	930 ACR65	940 ACR66	950 ACR67	960 ACR68	970 ACR69	980 ACR70	990 ACR71	1000 ACR72	1010 ACR73	1020 ACR74	1030 ACR75	1040 ACR76	1050 ACR77	1060 ACR78	1070 ACR79	1080 ACR80	1090 ACR81	1100 ACR82	1110 ACR83	1120 ACR84	1130 ACR85	1140 ACR86	1150 ACR87	1160 ACR88	1170 ACR89	1180 ACR90	1190 ACR91	1200 ACR92	1210 ACR93	1220 ACR94	1230 ACR95	1240 ACR96	1250 ACR97	1260 ACR98	1270 ACR99	1280 ACR100	1290 ACR101	1300 ACR102	1310 ACR103	1320 ACR104	1330 ACR105	1340 ACR106	1350 ACR107	1360 ACR108	1370 ACR109	1380 ACR110	1390 ACR111	1400 ACR112	1410 ACR113	1420 ACR114	1430 ACR115	1440 ACR116	1450 ACR117	1460 ACR118	1470 ACR119	1480 ACR120	1490 ACR121	1500 ACR122	1510 ACR123	1520 ACR124	1530 ACR125	1540 ACR126	1550 ACR127	1560 ACR128	1570 ACR129	1580 ACR130	1590 ACR131	1600 ACR132	1610 ACR133	1620 ACR134	1630 ACR135	1640 ACR136	1650 ACR137	1660 ACR138	1670 ACR139	1680 ACR140	1690 ACR141	1700 ACR142	1710 ACR143	1720 ACR144	1730 ACR145	1740 ACR146	1750 ACR147	1760 ACR148	1770 ACR149	1780 ACR150	1790 ACR151	1800 ACR152	1810 ACR153	1820 ACR154	1830 ACR155	1840 ACR156	1850 ACR157	1860 ACR158	1870 ACR159	1880 ACR160	1890 ACR161	1900 ACR162	1910 ACR163	1920 ACR164	1930 ACR165	1940 ACR166	1950 ACR167	1960 ACR168	1970 ACR169	1980 ACR170	1990 ACR171	2000 ACR172	2010 ACR173	2020 ACR174	2030 ACR175	2040 ACR176	2050 ACR177	2060 ACR178	2070 ACR179	2080 ACR180	2090 ACR181	2100 ACR182	2110 ACR183	2120 ACR184	2130 ACR185	2140 ACR186	2150 ACR187	2160 ACR188	2170 ACR189	2180 ACR190	2190 ACR191	2200 ACR192	2210 ACR193	2220 ACR194	2230 ACR195	2240 ACR196	2250 ACR197	2260 ACR198	2270 ACR199	2280 ACR200	2290 ACR201	2300 ACR202	2310 ACR203	2320 ACR204	2330 ACR205	2340 ACR206	2350 ACR207	2360 ACR208	2370 ACR209	2380 ACR210	2390 ACR211	2400 ACR212	2410 ACR213	2420 ACR214	2430 ACR215	2440 ACR216	2450 ACR217	2460 ACR218	2470 ACR219	2480 ACR220	2490 ACR221	2500 ACR222	2510 ACR223	2520 ACR224	2530 ACR225	2540 ACR226	2550 ACR227	2560 ACR228	2570 ACR229	2580 ACR230	2590 ACR231	2600 ACR232	2610 ACR233	2620 ACR234	2630 ACR235	2640 ACR236	2650 ACR237	2660 ACR238	2670 ACR239	2680 ACR240	2690 ACR241	2700 ACR242	2710 ACR243	2720 ACR244	2730 ACR245	2740 ACR246	2750 ACR247	2760 ACR248	2770 ACR249	2780 ACR250	2790 ACR251	2800 ACR252	2810 ACR253	2820 ACR254	2830 ACR255	2840 ACR256	2850 ACR257	2860 ACR258	2870 ACR259	2880 ACR260	2890 ACR261	2900 ACR262	2910 ACR263	2920 ACR264	2930 ACR265	2
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ASSOCIATED WORKLOAD DATA

LNW/ LCN	REQD (DB)	Q3J (DB)	G3W (DB)	L8L (DB)	30E (GB)	20H (GB)	200G7 (GB)	3EH (GB)	39M (GB)	39B (GB)	S2C (GB)	S2D (GB)	G3J (GB)	G3W (GB)	TOTAL QUANTITY			TOTAL TOTAL
															CORCA	(GB)	(GB)	
M064400								24.4							0.0	0.0	24.4	24.4
N17150								22.0							0.0	0.0	22.0	22.0
P27A10			31.0									105.0			707.3	31.0	105.0	905.1
P70013		204.0	10.0									170.0			630.1	310.0	170.0	1110.0
P30002								2.3							0.0	0.0	2.3	2.3
P30000					20.1										20.5	49.0	20.1	100.0
P00000															0.0	0.0	0.0	0.0
R01541				1.4											20.4	1.4	0.0	30.0
R00000				7.0											0.0	7.0	0.0	7.0
R00000					4.0				2.0						37.0	10.0	9.0	55.0
R01474															0.0	0.0	0.0	0.0
S01373							1.2								0.4	0.4	1.2	2.0
S04400															0.0	0.1	0.0	0.1
S00000															23.0	72.0	47.5	142.5
T00000						47.5									0.3	0.3	0.0	0.6
T00000														54.0	235.1	71.0	54.0	360.1
T00000			71.0											54.0	235.1	71.0	54.0	360.1
T00000			71.0									30.5			84.1	35.0	30.5	149.6
V00100		30.0				7.0									21.0	21.0	7.0	49.0
V00100															2.4	0.0	0.0	2.4
V00100															10.0	0.0	0.1	0.1
V00100			22.0				0.1								128.0	22.0	0.0	150.0
X00011			100.0											03.0	354.1	100.0	03.0	527.1
Z00400															470.0	100.0	100.0	700.0
Z00400															470.0	100.0	100.0	700.0
Z01343															5.2	0.0	0.0	5.2
Z00400		4.5	22.0									2.2			100.1	20.5	2.2	220.0
Z00400															0.0	0.0	0.0	0.0
Z00400								4.0		30.1					20.0	75.0	44.5	140.0
Z00400		30.2							1.0						0.3	1.7	1.0	3.0

Appendix G

Enclave Supplemental Equipment
Maintenance Data

Machine Supplemental Equipment Maintenance Data

[illegible]

[illegible]

Exhaustive Supplemental Equipment Maintenance Data

[illegible]

SHIP	DATE	ITEM	QTY	27J		28J		29J		30J		31J		32J		33J		34J		35J		36J		37J		38J		39J		40J		41J		42J		43J		44J		45J		46J		47J		48J		49J		50J		51J		52J		53J		54J		55J		56J		57J		58J		59J		60J		61J		62J		63J		64J		65J		66J		67J		68J		69J		70J		71J		72J		73J		74J		75J		76J		77J		78J		79J		80J		81J		82J		83J		84J		85J		86J		87J		88J		89J		90J		91J		92J		93J		94J		95J		96J		97J		98J		99J		100J		101J		102J		103J		104J		105J		106J		107J		108J		109J		110J		111J		112J		113J		114J		115J		116J		117J		118J		119J		120J		121J		122J		123J		124J		125J		126J		127J		128J		129J		130J		131J		132J		133J		134J		135J		136J		137J		138J		139J		140J		141J		142J		143J		144J		145J		146J		147J		148J		149J		150J		151J		152J		153J		154J		155J		156J		157J		158J		159J		160J		161J		162J		163J		164J		165J		166J		167J		168J		169J		170J		171J		172J		173J		174J		175J		176J		177J		178J		179J		180J		181J		182J		183J		184J		185J		186J		187J		188J		189J		190J		191J		192J		193J		194J		195J		196J		197J		198J		199J		200J		201J		202J		203J		204J		205J		206J		207J		208J		209J		210J		211J		212J		213J		214J		215J		216J		217J		218J		219J		220J		221J		222J		223J		224J		225J		226J		227J		228J		229J		230J		231J		232J		233J		234J		235J		236J		237J		238J		239J		240J		241J		242J		243J		244J		245J		246J		247J		248J		249J		250J		251J		252J		253J		254J		255J		256J		257J		258J		259J		260J		261J		262J		263J		264J		265J		266J		267J		268J		269J		270J		271J		272J		273J		274J		275J		276J		277J		278J		279J		280J		281J		282J		283J		284J		285J		286J		287J		288J		289J		290J		291J		292J		293J		294J		295J		296J		297J		298J		299J		300J		301J		302J		303J		304J		305J		306J		307J		308J		309J		310J		311J		312J		313J		314J		315J		316J		317J		318J		319J		320J		321J		322J		323J		324J		325J		326J		327J		328J		329J		330J		331J		332J		333J		334J		335J		336J		337J		338J		339J		340J		341J		342J		343	
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Appendix H

Unit Maintenance Data Summary

Unit Maintenance Data Summary

EQUIPMENT ITEM	LIM/ LOH	27J		28H		31V		33T		35C		36W		38H		40H		42J		44C		46H		48H		50H		52H		54C		56H		58H		60H		62H		64C		66H		68H		70H		72H		74C		76H		78H		80H		82H		84C		86H		88H		90H		92H		94C		96H		98H		100H		102H		104C		106H		108H		110H		112H		114C		116H		118H		120H		122H		124C		126H		128H		130H		132H		134C		136H		138H		140H		142H		144C		146H		148H		150H		152H		154C		156H		158H		160H		162H		164C		166H		168H		170H		172H		174C		176H		178H		180H		182H		184C		186H		188H		190H		192H		194C		196H		198H		200H		202H		204C		206H		208H		210H		212H		214C		216H		218H		220H		222H		224C		226H		228H		230H		232H		234C		236H		238H		240H		242H		244C		246H		248H		250H		252H		254C		256H		258H		260H		262H		264C		266H		268H		270H		272H		274C		276H		278H		280H		282H		284C		286H		288H		290H		292H		294C		296H		298H		300H		302H		304C		306H		308H		310H		312H		314C		316H		318H		320H		322H		324C		326H		328H		330H		332H		334C		336H		338H		340H		342H		344C		346H		348H		350H		352H		354C		356H		358H		360H		362H		364C		366H		368H		370H		372H		374C		376H		378H		380H		382H		384C		386H		388H		390H		392H		394C		396H		398H		400H		402H		404C		406H		408H		410H		412H		414C		416H		418H		420H		422H		424C		426H		428H		430H		432H		434C		436H		438H		440H		442H		444C		446H		448H		450H		452H		454C		456H		458H		460H		462H		464C		466H		468H		470H		472H		474C		476H		478H		480H		482H		484C		486H		488H		490H		492H		494C		496H		498H		500H		502H		504C		506H		508H		510H		512H		514C		516H		518H		520H		522H		524C		526H		528H		530H		532H		534C		536H		538H		540H		542H		544C		546H		548H		550H		552H		554C		556H		558H		560H		562H		564C		566H		568H		570H		572H		574C		576H		578H		580H		582H		584C		586H		588H		590H		592H		594C		596H		598H		600H		602H		604C		606H		608H		610H		612H		614C		616H		618H		620H		622H		624C		626H		628H		630H		632H		634C		636H		638H		640H		642H		644C		646H		648H		650H		652H		654C		656H		658H		660H		662H		664C		666H		668H		670H		672H		674C		676H		678H		680H		682H		684C		686H		688H		690H		692H		694C		696H		698H		700H		702H		704C		706H		708H		710H		712H		714C		716H		718H		720H		722H		724C		726H		728H		730H		732H		734C		736H		738H		740H		742H		744C		746H		748H		750H		752H		754C		756H		758H		760H		762H		764C		766H		768H		770H		772H		774C		776H		778H		780H		782H		784C		786H		788H		790H		792H		794C		796H		798H		800H		802H		804C		806H		808H		810H		812H		814C		816H		818H		820H		822H		824C		826H		828H		830H		832H		834C		836H		838H		840H		842H		844C		846H		848H		850H		852H		854C		856H		858H		860H		862H		864C		866H		868H		870H		872H		874C		876H		878H		880H		882H		884C		886H		888H		890H		892H		894C		896H		898H		900H		902H		904C		906H		908H		910H		912H		914C		916H		918H		920H		922H		924C		926H		928H		930H		932H		934C		936H		938H		940H		942H		944C		946H		948H		950H		952H		954C		956H		958H		960H		962H		964C		966H		968H		970H		972H		974C		976H		978H		980H		982H		984C		986H		988H		990H		992H		994C		996H		998H		1000H	
		(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

Appendix I

Heavy Division Maintenance Data

Heavy Division Maintenance Data

EQUIPMENT	LIN/	27J	28M	31V	33T	32C	32D	33B	33J	38N	33D	38B	39E	28N	20B	33T	38M	38V	39C	38L	43M	44B
ITEM	QTY	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)	(CNO)
HW DIV IN BH																						
CCB																						
CPB																						
NOB																						
TCAC	1				5.2	952.0																
TCAC W/B	6																					
LD TBE																						
CD TBE																						
LD TCAC																						
CD TCAC	1		21.0	1.2			1186.3	1736.4			145.6			21.0	2.2							
MANHOLFS			21.0	1.2	5.2	952.0	1186.3	1736.4			145.6			21.0	2.2							
MAN YEARS			0.01	0.06	0.06	0.38	0.43	0.84			0.06			0.01	0.00							
SPACES					1			1														
					With HMC-120			E-4														
HW DIV HMC																						
CCB	1		21.0	89.6	866.6	224.0				28.4	33.6		25.8	21.0	0.8	20.3		0.5				
CPB	2		42.0		106.4	448.0						12.7		42.0	0.8	100.0		0.9				
NOB	6				156.0											313.8		38.9				
TCAC																						
TCAC W/B																						
LD TBE																						
CD TBE	1		126.0	52.3	42.4		725.2	1605.6			5.6		49.0	198.9	5.9	7.5						
LD TCAC																						
CD TCAC																						
MANHOLFS			186.0	141.9	971.4	672.0	725.2	1805.6		28.4	39.2	12.7	74.6	261.9	7.5	441.6		40.3				
MAN YEARS			0.09	0.06	0.39	0.37	0.29	0.84		0.01	0.01	0.00	0.03	0.10	0.00	0.16		0.01				
SPACES					900 BH			1					0.03	0.10	0.00	0.16		0.01				
								E-4					With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI
HW DIV TOTALS					1			2														
DB					E-4			E-4														
CB								E-4														

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Appendix J

Light Division Maintenance Data

Light Division Maintenance Data

EQUIPMENT	LT	27J	30M	31V	33T	35C	32D	33B	35J	36N	32D	35B	39E	38N	32B	35T	36M	38V	39C	38L	43M	44B
ITEM	QTY	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)
LT DW IN MM	1																					
QCS	1		21.0	88.6	646.6	224.0				28.4	33.6		25.8	21.0	0.8	20.3		0.5				
DPS																						
WOG																						
TCAC	1				5.2	952.0																
TCAC W/S	6																					
LD TBE																						
LD TCAC	1		42.0	105.1	0.6		560.2	1443.4			151.2		49.0	114.8	1.7	3.4					0.6	
CO TCAC																						
MAN-CLIP			83.0	184.7	872.4	1176.0	580.2	1443.4		28.4	164.8		74.8	135.8	2.5	23.7		0.5			0.6	
MAN YEARS			0.82	0.87	0.26	0.44	0.21	0.83		0.01	0.07		0.03	0.08	0.00	0.01		0.00			0.00	
SPACES	1		E-3	1				1														
				With MHC-120				E-3														
LT DW MHC																						
QCS	1		21.0	88.6	646.6	224.0				28.4	33.6		25.8	21.0	0.8	20.3		0.5				
DPS	2		42.0		106.4	448.0						12.7		42.0	0.8	100.0		0.9				
WOG	6				156.0											312.8		38.9				
TCAC																						
TCAC W/S																						
LD TBE	1		126.0	52.3	41.2		350.3	2030.6			5.6		49.0	109.9	5.9	0.7					1.2	
CO TBE																						
LD TCAC																						
CO TCAC																						
MAN-CLIP			180.0	141.9	970.2	672.0	350.3	2030.6		28.4	38.2	12.7	74.8	201.9	7.5	434.8		40.3			1.2	
MAN YEARS			0.80	0.88	0.29	0.27	0.14	0.82		0.01	0.01	0.00	0.03	0.19	0.00	0.16		0.91			0.00	
SPACES	1				340 MM			1					0.08	0.15	0.00	0.17		0.02			0.00	
								E-3					With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI
LT DW TOTALS					1			2														
DS					E-3			E-3														
CS								E-3														

Light Division Maintenance Data

SUPPLEMENT	LTU	QTY	Q3C	Q3D	Q3J	Q3W	Q3L	28E	28N	28S07	38H	38M	39B	44B	52C	52D	63J	63W	TOTAL QUANTITY	TOTAL
ITEM	LTU	QTY	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)	(Q3)
LT DW M8																				
CCB		1	100.2				3.4	6.6	7.0	1.4			4.0		80.3				1043.2	1043.2
OPB																				
WCB																				
TCAC																				
TCAC W/B		1	384.0																867.2	1549.8
LD TSE		6																		
CD TSE																				
LD TCAC		1		219.0				28.1	61.5	0.8			3.2			187.4		245.0	2302.5	3586.1
CD TCAC																				
MANHOLPS			473.2	219.0			3.4	37.7	68.5	2.2		7.2			209.9	187.4		245.0	4322.9	6483.4
MAN YEAHS			6.18	6.08			0.14	0.01	0.02	0.00		0.00			0.10	0.06		0.08	1.80	2.69
SPACES																				
LT DW HMC		QTY																		
CCB		1	100.2				3.4	6.6	7.0	1.4		4.0			80.3				1063.2	1349.9
OPB		2	219.4						14.0	0.4					160.8				608.1	1149.2
WCB		6																	156.0	508.7
TCAC																				
TCAC W/B																				
LD TSE		1		83.5				28.1	89.5	5.6						87.6		324.0	2626.0	4023.0
CD TSE																				
LD TCAC																				
CD TCAC																				
MANHOLPS			327.6	83.5			10.4	37.7	110.5	7.4		4.0			240.9	87.6		324.0	4454.4	7024.4
MAN YEAHS			6.12	6.02			0.20	0.01	0.04	0.00		0.00			0.09	0.02		0.10	1.78	2.27
SPACES			6.30	6.11			0.34	0.01	0.06	0.00		0.00			0.17	0.08		0.18		
			With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI			
LT DW TOTALS	ORG																	3		
DO	DO								0.1							0.1		0.2		0.6
CB	CB																			

Appendix K
Heavy Corps Maintenance Data

Heavy Corps Maintenance Data

EQUIPMENT		LIN	27J	28J	31V	33T	32C	32D	30E	28Q	36H	33J	33B	93D	94B	20E	39N	28B	33T	36H	38Y	39C	36L	43M	44B	
ITEM		LCN	(ONS)	(ONS)	(ONS)	(ONS)	(ONS)	(ONS)	(ONS)	(ONS)	(ONS)	(ONS)	(ONS)	(ONS)	(ONS)	(ONS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	
HV CORPS IN BN																										
COB			1	21.0	80.6	646.6	224.0				28.4	33.6		12.7		25.6	21.0	0.8	20.3		0.5					
CPB			2	42.0		106.4	448.0										42.0	0.8	100.0		0.9					
WOB			6			156.0													313.8		30.9					
TCAC			1			5.2	842.0																			
TCAC WBS			6																							
LD TBE																										
CD TBE			1	120.0	52.3	42.4		725.2	1605.6					5.6		49.0	100.0	5.9	7.5							
LD TCAC																										
CD TCAC			1	21.0	1.2			1166.3	1736.4					145.6			21.0	2.2								
MAN-CLUBS				210.0	143.1	976.0	1624.0	1091.5	3342.0		28.4	184.8	12.7	74.8	282.0	9.7	441.6				40.3					
MAN YEARS				0.08	0.08	0.30	0.09	0.70	1.24		0.01	0.07	0.00	0.03	0.10	0.00	0.10				0.01					
SPACES				1		1	1	1	1																	
						E-3	E-4	E-4	E-3																	
CORPS TOTALS																										
ONS						1	1	1	1																	
DS						E-3	E-4	E-4	E-3																	
CS																										
HV CORPS IN BN																										
COB			1	109.2										4.0			80.3				1063.2	181.0	102.3			
CPB			2	218.4													160.6				600.1	382.1	175.0			
WOB			6																		156.0	352.7				
TCAC			1	364.0													219.6				957.2	344.0	219.6			
TCAC WBS			6																							
LD TBE																										
CD TBE			1	103.0		444.0	7.0	28.1	89.5	5.8				6.4							2557.1	816.2	715.0			
LD TCAC																										
CD TCAC			1	632.8		448.0				1.2											3070.5	1104.0	738.0			
MAN-CLUBS				891.8	737.8	892.0	10.4	37.7	117.5	8.6				10.4			460.5	855.2			8413.2	3182.0	1840.9			
MAN YEARS				0.26	0.37	0.33	0.00	0.01	0.04	0.00				0.00			0.16	0.21			3.12	1.18	0.63			
SPACES																										
CORPS TOTALS																										
ONS																										
DS																					4					
CS																	0.1	0.2				0.2		0.5		

Appendix L

Airborne Corps Maintenance Data

Airborne Corps Maintenance Data

[illegible]

Appendix M

ASAS THS, Promotion, Attrition Factors
by MOS and Grade

--- THS, Attrition, Promotion Factors ---
by MOS & Grade

--- THS, Attrition, Promotion Factors --
by MOS & Grade

MOS	GRADE	THS	ATTRITION	PROMOTION
-----	-----	-----	-----	-----
25Q10	E3	0.00000	0.000000	0.00000
	E4	0.00000	0.000000	0.00000
31K	E1	0.04470	0.304650	1.63856
	E2	0.04470	0.262840	1.51237
	E3	0.04470	0.199310	0.70523
	E4	0.04230	0.319000	0.16753
	E5	0.04310	0.149350	0.05341
	E6	0.00000	2.800080	0.00000
	E7	0.00000	0.000000	0.00000
	E8	0.00000	0.000000	0.00000
31V	E1	0.03470	0.293870	1.66360
	E2	0.03470	0.210560	1.44166
	E3	0.03470	0.167830	0.62940
	E4	0.02830	0.319460	0.10778
	E5	0.03960	0.165520	0.04591
	E6	0.00000	1.090880	0.36359
	E7	0.00000	0.759490	0.20255
	E8	0.00000	0.216260	0.10811
33T	E1	0.07200	0.300230	2.00597
	E2	0.07200	0.229200	1.43872
	E3	0.07200	0.133270	0.73748
	E4	0.02560	0.177520	0.19518
	E5	0.02780	0.162870	0.16821
	E6	0.02600	0.085920	0.10191
	E7	0.02870	0.098590	0.03690
	E8	0.00000	4.000000	0.00000
350B	W1	0.04710	0.000000	0.50000
	W2	0.05170	0.063000	0.16380
	W3	0.16460	0.094000	0.13540
	W4	0.09090	0.177000	0.00000
351B	W1	0.03330	0.005000	0.47780
	W2	0.06670	0.106000	0.12000
	W3	0.10670	0.144000	0.06670
	W4	0.13040	0.133000	0.00000
352C	W1	0.07140	0.000000	0.42860
	W2	0.06740	0.063000	0.19660
	W3	0.04550	0.186000	0.01140
	W4	0.06940	0.267000	0.00000
352G	W1	0.11110	0.000000	0.44440
	W2	0.11110	0.061000	0.07780
	W3	0.05000	0.111000	0.05000
	W4	0.08000	0.167000	0.00000

--- THS, Attrition, Promotion Factors --
by MOS & Grade

MOS	GRADE	THS	ATTRITION	PROMOTION
352H	W1	0.08720	0.000000	0.50000
	W2	0.10000	0.067000	0.25000
	W3	0.10000	0.059000	0.00000
	W4	0.00000	0.000000	0.00000
352J	W1	0.12510	0.000000	0.42860
	W2	0.13040	0.109000	0.26040
	W3	0.05600	0.143000	0.05880
	W4	0.00000	0.143000	0.00000
35A	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372
	O5	0.08020	0.108720	0.17181
35B	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372
	O5	0.08020	0.108720	0.17181
35C	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372
	O5	0.08020	0.108720	0.17181
35D	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372
	O5	0.08020	0.108720	0.17181
35E	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372
	O5	0.08020	0.108720	0.17181
35G	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372

--- THS, Attrition, Promotion Factors --
by MOS & Grade

MOS	GRADE	THS	ATTRITION	PROMOTION
52C	E1	0.03140	0.304610	1.53975
	E2	0.03140	0.213800	1.48014
	E3	0.03140	0.189090	0.72155
	E4	0.02880	0.288170	0.14479
	E5	0.02330	0.108950	0.03653
	E6	0.02730	0.073270	0.04731
	E7	0.00000	0.923030	0.00000
	E8	0.00000	0.000000	0.00000
52D	E1	0.03410	0.295310	1.53830
	E2	0.03410	0.224800	1.50047
	E3	0.03410	0.173810	0.73469
	E4	0.02300	0.278410	0.04594
	E5	0.02910	0.142360	0.01187
	E6	0.02640	0.087550	0.01678
	E7	0.00000	0.987690	0.00000
	E8	0.00000	0.000000	0.00000
54A	O1	0.18040	0.061900	0.75050
	O2	0.18040	0.061900	0.75050
	O3	0.18040	0.061900	0.75050
	O4	0.18040	0.051400	0.17250
63B	E1	0.03760	0.392900	1.63794
	E2	0.03760	0.212930	1.47961
	E3	0.03760	0.157150	0.72497
	E4	0.02480	0.241330	0.13730
	E5	0.02180	0.132880	0.10207
	E6	0.02580	0.073270	0.20377
	E7	0.02480	0.112800	0.05546
	E8	0.04250	0.164270	0.01576
63J	E1	0.02810	0.422990	1.60437
	E2	0.02810	0.252300	1.43069
	E3	0.02810	0.194700	0.76066
	E4	0.02380	0.195960	0.02673
	E5	0.02030	0.107090	0.02105
63W	E1	0.02580	0.312280	1.65451
	E2	0.02580	0.177180	1.49234
	E3	0.02580	0.142340	0.73464
	E4	0.01700	0.217700	0.09359
	E5	0.02480	0.123400	0.13175
	E6	0.00000	0.727240	0.00000
	E7	0.00000	0.000000	0.00000
	E8	0.00000	0.000000	0.00000
71L10	E3	0.00000	0.000000	0.00000
	E4	0.00000	0.000000	0.00000
71L20	E5	0.00000	0.000000	0.00000

--- THS, Attrition, Promotion Factors --
by MOS & Grade

MOS	GRADE	THS	ATTRITION	PROMOTION
96B	E1	0.12390	0.314490	1.68889
	E2	0.12390	0.161540	1.51925
	E3	0.12390	0.147860	0.80147
	E4	0.02720	0.162040	0.47218
	E5	0.03250	0.162320	0.09476
	E6	0.04350	0.092400	0.07538
	E7	0.05080	0.072830	0.06804
	E8	0.10920	0.197170	0.07755
96D	E1	0.08750	0.450810	1.58197
	E2	0.08750	0.311940	1.20865
	E3	0.08750	0.130720	0.76993
	E4	0.05130	0.244010	0.36839
	E5	0.04340	0.166400	0.19771
	E6	0.05730	0.145210	0.02114
	E7	0.10880	0.124760	0.03845
	E8	0.09380	0.247500	0.06182
96R	E1	0.06230	0.343830	1.82085
	E2	0.06230	0.139210	1.67008
	E3	0.06230	0.114480	0.74699
	E4	0.02670	0.119640	0.10256
	E5	0.02480	0.098410	0.03204
	E6	0.05360	0.063200	0.07576
	E7	0.11360	0.102990	0.17836
	E8	0.12120	0.096500	0.09655
97B	E1	0.05910	0.149840	1.05337
	E2	0.05910	0.149840	1.05337
	E3	0.05910	0.149840	1.05337
	E4	0.05890	0.155070	0.50184
	E5	0.07250	0.198200	0.06556
	E6	0.00000	0.215510	0.01806
	E7	0.00000	0.168520	0.03846
	E8	0.00000	0.362970	0.02047
97G	E1	0.05910	0.262840	0.91431
	E2	0.05910	0.262840	0.91431
	E3	0.05910	0.262840	0.91431
	E4	0.05890	0.305750	0.26113
	E5	0.07250	0.336060	0.05047
	E6	0.00000	0.166370	0.02575
	E7	0.00000	0.114250	0.06350
	E8	0.00000	0.133330	0.00000

--- THS, Attrition, Promotion Factors --
by MOS & Grade

MOS	GRADE	THS	ATTRITION	PROMOTION
98C	E1	0.12120	0.319680	1.85322
	E2	0.12120	0.269100	1.29822
	E3	0.12120	0.166590	0.66356
	E4	0.03740	0.201290	0.33722
	E5	0.05360	0.232300	0.07365
	E6	0.03780	0.106440	0.03250
	E7	0.05850	0.085550	0.05989
	E8	0.00000	0.222200	0.00000
98G	E1	0.22390	0.326890	1.81370
	E2	0.22390	0.402370	1.18155
	E3	0.22390	0.248280	0.69511
	E4	0.04130	0.264820	0.42588
	E5	0.04040	0.281900	0.14572
	E6	0.04660	0.090700	0.07255
	E7	0.04600	0.074500	0.04411
	E8	0.00000	0.816290	0.04082
98H	E1	0.04440	0.134870	1.93262
	E2	0.04440	0.134870	1.93262
	E3	0.04440	0.134870	1.93262
	E4	0.01680	0.381530	0.11476
	E5	0.03010	0.299130	0.04655
	E6	0.02050	0.091060	0.14026
	E7	0.04110	0.090160	0.08013
	E8	0.00000	0.090160	0.08013
98J	E1	0.03680	0.319610	1.72322
	E2	0.03680	0.231170	1.51617
	E3	0.03680	0.093810	0.77803
	E4	0.02390	0.195310	0.23965
	E5	0.04420	0.136610	0.00884
	E6	0.06270	0.111990	0.03144
	E7	0.06150	0.077040	0.03473
	E8	0.00000	0.000000	0.00000
98Z50	E8	0.09380	0.208350	0.05422
	E9	0.09380	0.433970	0.00000

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Appendix N

ASAS Block I Baseline

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS --
for Assigned Positions

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
ASAS BLOCK 1		21		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
25Q10	E3	1.00	1.0000	0.0000
33T	E3	1.00	1.0776	0.9383
	E4	1.00	1.0263	0.3825
	E5	1.00	1.0286	0.3405
350B	W2	1.00	1.0545	0.2392
		2.00	2.1090	0.4783
		3.00	3.1636	0.7175
	W4	1.00	1.1000	0.1947
351B	W2	1.00	1.0715	0.2422
352C	W2	1.00	1.0723	0.2784
	W4	1.00	1.0746	0.2869
352G	W2	1.00	1.1250	0.1561
	W4	1.00	1.0870	0.1815
352H	W2	1.00	1.1111	0.3522
352J	W2	1.00	1.1500	0.4248
	W4	1.00	1.0000	0.1430
35A	O2	1.00	1.2082	0.6851
	O3	1.00	1.2120	0.2633
35B	O3	1.00	1.2120	0.2633
35C	O3	1.00	1.2120	0.2633
	O4	1.00	1.1382	0.2349
35D	O3	1.00	1.2120	0.2633
		2.00	2.4239	0.5266
	O4	1.00	1.1382	0.2349
	O5	1.00	1.0872	0.3050
35E	O3	1.00	1.2120	0.2633
35G	O3	1.00	1.2120	0.2633
	O4	1.00	1.1382	0.2349
52C	E4	1.00	1.0297	0.4458
52D	E4	1.00	1.0235	0.3320
	E5	1.00	1.0300	0.1589

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
ASAS BLOCK 1		21		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
63B	E3	1.00	1.0391	0.9166
	E4	1.00	1.0254	0.3883
	E5	1.00	1.0223	0.2402
71L10	E4	1.00	1.0000	0.0000
		2.00	2.0000	0.0000
71L20	E5	1.00	1.0000	0.0000
96B10	E3	1.00	1.1414	1.0836
		2.00	2.2828	2.1672
		3.00	3.4243	3.2508
	E4	1.00	1.0280	0.6520
		2.00	2.0559	1.3039
		3.00	3.0839	1.9559
96B20	E4	1.00	1.0280	0.6520
	E5	1.00	1.0336	0.2657
96B30	E6	1.00	1.0455	0.1754
96B40	E7	1.00	1.0535	0.1484
96B50	E8	1.00	1.1226	0.3084
96D10	E3	1.00	1.0959	0.9870
	E4	1.00	1.0541	0.6455
96D20	E5	1.00	1.0454	0.3806
96D30	E6	1.00	1.0608	0.1765
96D40	E7	1.00	1.1221	0.1831
96R40	E7	1.00	1.1282	0.3174
97B20	E5	1.00	1.0782	0.2844
97B30	E6	1.00	1.0000	0.2336
98C10	E3	1.00	1.1379	0.9446
		2.00	2.2758	1.8893
	E4	1.00	1.0389	0.5594
		2.00	2.0777	1.1189
98C1L	E4	2.00	2.0777	1.1189

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
ASAS BLOCK 1		21		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
98C20	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
	E6	1.00	1.0393	0.1444
98C2L	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
98C30	E6	1.00	1.0393	0.1444
98C3L	E6	1.00	1.0393	0.1444
98C40	E7	1.00	1.0621	0.1545
98C4L	E7	1.00	1.0621	0.1545
98G1L	E4	1.00	1.0431	0.7205
		2.00	2.0862	1.4409
98G2L	E5	1.00	1.0421	0.4456
98G3L	E6	1.00	1.0489	0.1712
98G4L	E7	1.00	1.0482	0.1243
98H20	E5	1.00	1.0310	0.3564
98J10	E3	1.00	1.0382	0.9051
		2.00	2.0764	1.8103
	E4	1.00	1.0245	0.4456
		2.00	2.0490	0.8912
		3.00	3.0735	1.3368
98J20	E5	1.00	1.0462	0.1522
98J30	E6	1.00	1.0669	0.1530
98J40	E7	1.00	1.0655	0.1191
98Z50	E8	1.00	1.1035	0.2897
	E9	1.00	1.1035	0.4789

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

ALTERNATIVE	ALTERN ID				
ASAS BLOCK 1	21				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
MAINTAINER	UNDEF	ENLISTED	36	37.25	18.5
		Sum	36	37.25	18.5
OFFLINE	MSNSUP	OFFICER	35	41.09	9.0
		WARRANT	9	9.95	2.0
		Sum	44	51.04	10.9
	UNDEF	ENLISTED	398	421.39	200.2
		OFFICER	60	72.16	19.8
		WARRANT	39	41.20	9.0
		Sum	497	534.76	229.0
OPERATOR	CCS	ENLISTED	28	29.36	10.9
		Sum	28	29.36	10.9
	CEI	ENLISTED	108	113.20	28.5
		WARRANT	24	26.44	7.6
		Sum	132	139.64	36.1
	SPV/FMR/MRA	ENLISTED	7	7.45	0.9
		OFFICER	6	7.20	1.6
		WARRANT	9	9.67	2.6
		Sum	22	24.32	5.0
	TCAC	ENLISTED	64	68.47	37.9
		Sum	64	68.47	37.9
	TSE OPER	ENLISTED	69	72.36	20.3
		OFFICER	3	3.64	0.8
		WARRANT	38	41.30	9.8
		Sum	110	117.30	30.9

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----	-----			
ABN CTCAE	ASAS BLOCK 1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	1	1.14	0.2
		WARRANT	1	1.11	0.4
	UNDEF	ENLISTED	20	21.23	10.0
OPERATOR	CEI	ENLISTED	8	8.40	2.0
		WARRANT	4	4.34	1.0
	TCAC	ENLISTED	8	8.46	4.2
		Sum	42	44.69	17.8

ABN CTSE	ASAS BLOCK 1				
-----	-----	-----			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	2	2.30	0.6
	UNDEF	ENLISTED	23	24.64	12.8
		OFFICER	9	10.69	2.3
		WARRANT	7	7.43	1.8
OPERATOR	CCS	ENLISTED	2	2.11	0.6
	SPV/FMR/MRA	OFFICER	1	1.14	0.2
		WARRANT	1	1.07	0.3
	TSE OPER	ENLISTED	6	6.26	1.3
		WARRANT	4	4.22	1.0
		Sum	55	59.86	20.8

ABN MAINT HHS	ASAS BLOCK 1				
-----	-----	-----			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	4	4.11	1.2
		Sum	4	4.11	1.2

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID ALTERNATIVE

CTAE CO ASAS BLOCK 1

POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP UNDEF	OFFICER	4	4.85	1.1
		ENLISTED	80	83.33	35.0
		WARRANT	8	8.30	1.7
OPERATOR	CEI	ENLISTED	20	20.93	5.7
		WARRANT	4	4.32	0.9
	TCAC	ENLISTED	16	16.86	8.5
		Sum	132	138.59	52.9

CTSE CO ASAS BLOCK 1

POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP UNDEF	OFFICER	4	4.45	1.1
		ENLISTED	54	57.24	26.1
		OFFICER	26	31.22	6.7
		WARRANT	16	16.73	3.6
OPERATOR	CCS	ENLISTED	4	4.19	1.8
	SPV/FMR/MRA	ENLISTED	2	2.12	0.3
		OFFICER	2	2.42	0.5
	TSE OPER	ENLISTED	12	12.50	3.1
		WARRANT	8	8.44	1.9
		Sum	128	139.33	45.2

HV CPS MAINT HHS ASAS BLOCK 1

POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	8	8.34	5.3
		Sum	8	8.34	5.3

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----	-----			
HV DIV HHC	ASAS BLOCK 1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	5	5.13	1.9
OFFLINE	MSNSUP	OFFICER	10	11.75	2.5
	UNDEF	ENLISTED	55	58.83	28.5
		OFFICER	25	30.26	10.8
OPERATOR	CCS	ENLISTED	10	10.48	4.4
	SPV/FMR/MRA	ENLISTED	5	5.33	0.6
		WARRANT	5	5.37	1.4
	TSE OPER	ENLISTED	30	31.55	10.4
		WARRANT	20	22.12	5.5
		Sum	165	180.82	66.1
HV DIV MI BN	ASAS BLOCK 1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	10	10.26	3.9
OFFLINE	MSNSUP	OFFICER	5	5.69	1.2
		WARRANT	5	5.62	0.8
	UNDEF	ENLISTED	115	120.89	59.0
		WARRANT	5	5.36	1.4
OPERATOR	CEI	ENLISTED	50	52.58	10.1
		WARRANT	10	11.11	3.5
	TCAC	ENLISTED	40	43.15	25.2
		Sum	240	254.66	105.0

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----				
LT DIV HHC	ASAS BLOCK 1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	3	3.12	2.7
OFFLINE	MSNSUP	OFFICER	6	7.27	1.6
	UNDEF	ENLISTED	12	13.09	6.5
OPERATOR	CCS	ENLISTED	6	6.29	1.4
	SPV/FMR/MRA	OFFICER	3	3.64	0.8
		WARRANT	3	3.22	0.9
	TSE OPER	ENLISTED	21	22.04	5.6
		OFFICER	3	3.64	0.8
		WARRANT	6	6.52	1.4
		Sum	63	68.83	21.7

LT DIV MI BN	ASAS BLOCK 1				
-----	-----				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	6	6.30	3.5
OFFLINE	MSNSUP	OFFICER	3	3.64	0.8
		WARRANT	3	3.22	0.8
	UNDEF	ENLISTED	39	42.14	22.4
		WARRANT	3	3.37	0.5
OPERATOR	CCS	ENLISTED	6	6.29	2.6
	CEI	ENLISTED	30	31.29	10.7
		WARRANT	6	6.67	2.1
		Sum	96	102.91	43.5

-- ALL MOS(s) SORTED BY POSITIONS, GRADES AND UTOE --
SUMMARIZED BY FORCE

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
25Q10	OFFLINE	E3	2	2.0	0.0	CTSE CO
			2	2.0	0.0	
33T	MAINTAINER	E3	2	2.2	1.9	HV CPS MAINT HHS
			3	3.2	2.8	LT DIV MI BN
			5	5.4	4.7	
		E4	5	5.1	1.9	HV DIV MI BN
			5	5.1	1.9	
		E5	1	1.0	0.3	ABN MAINT HHS
			1	1.0	0.3	
350B	OFFLINE	W2	4	4.2	1.0	ABN CTSE
			8	8.4	1.9	CTSE CO
			12	12.7	2.9	
	OPERATOR	W2	4	4.2	1.0	ABN CTSE
			8	8.4	1.9	CTSE CO
			12	12.7	2.9	
		W4	10	11.0	1.9	HV DIV HHC
			3	3.3	0.6	LT DIV HHC
			13	14.3	2.5	
351B	OFFLINE	W2	1	1.1	0.2	ABN CTSE
			1	1.1	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
352C	OFFLINE	W2	2	2.1	0.6	ABN CTSE
			5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
			-----	-----	-----	
			10	10.7	2.8	
		W4	4	4.3	1.1	CTAE CO
			4	4.3	1.1	CTSE CO
			-----	-----	-----	
			8	8.6	2.3	
	OPERATOR	W2	3	3.2	0.8	ABN CTCAE
			1	1.1	0.3	ABN CTSE
			5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
			-----	-----	-----	
			12	12.9	3.3	
		W4	2	2.1	0.6	CTAE CO
			10	10.7	2.9	HV DIV HHC
			6	6.4	1.7	LT DIV HHC
			-----	-----	-----	
			18	19.3	5.2	
352G	OFFLINE	W2	5	5.6	0.8	HV DIV MI BN
			3	3.4	0.5	LT DIV MI BN
			-----	-----	-----	
			8	9.0	1.2	
	OPERATOR	W2	1	1.1	0.2	ABN CTCAE
			-----	-----	-----	
			1	1.1	0.2	
		W4	2	2.2	0.4	CTAE CO
			-----	-----	-----	
			2	2.2	0.4	
352H	OFFLINE	W2	1	1.1	0.4	ABN CTCAE
			-----	-----	-----	
			1	1.1	0.4	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID						
ASAS BLOCK 1	21						
MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID	
352J	OFFLINE	W4	4	4.0	0.6	CTAE CO	
			4	4.0	0.6	CTSE CO	
			8	8.0	1.1		
	OPERATOR	W2	5	5.7	2.1	HV DIV HHC	
			5	5.7	2.1	HV DIV MI BN	
			3	3.4	1.3	LT DIV MI BN	
			13	14.9	5.5		
	35A	OFFLINE	02	10	12.1	6.9	HV DIV HHC
				10	12.1	6.9	
		03	3	3.6	0.8	LT DIV HHC	
			3	3.6	0.8		
	35B	OFFLINE	03	2	2.4	0.5	CTSE CO
2				2.4	0.5		
35C	OFFLINE	03	1	1.2	0.3	ABN CTSE	
			4	4.8	1.1	CTSE CO	
			5	6.1	1.3	HV DIV HHC	
			10	12.1	2.6		
	OPERATOR	03	3	3.6	0.8	LT DIV HHC	
			3	3.6	0.8		
			04	1	1.1	0.2	ABN CTSE
				1	1.1	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
35D	OFFLINE	03	5	6.1	1.3	ABN CTSE
			4	4.8	1.1	CTAE CO
			6	7.3	1.6	CTSE CO
			5	6.1	1.3	HV DIV HHC
			3	3.6	0.8	LT DIV HHC
			-----	-----	-----	
			23	27.9	6.1	
		04	3	3.4	0.7	ABN CTSE
			4	4.6	0.9	CTSE CO
			5	5.7	1.2	HV DIV HHC
			-----	-----	-----	
			12	13.7	2.8	
		05	1	1.1	0.3	ABN CTSE
			2	2.2	0.6	CTSE CO
			-----	-----	-----	
			3	3.3	0.9	
35E	OFFLINE	03	2	2.4	0.5	CTSE CO
			-----	-----	-----	
			2	2.4	0.5	
35G	OFFLINE	03	1	1.2	0.3	ABN CTSE
			8	9.7	2.1	CTSE CO
			10	12.1	2.6	HV DIV HHC
			3	3.6	0.8	LT DIV MI BN
			-----	-----	-----	
			22	26.7	5.8	
		04	1	1.1	0.2	ABN CTCAE
			2	2.3	0.5	CTSE CO
			5	5.7	1.2	HV DIV MI BN
			-----	-----	-----	
			8	9.1	1.9	
	OPERATOR	03	2	2.4	0.5	CTSE CO
			3	3.6	0.8	LT DIV HHC
			-----	-----	-----	
			5	6.1	1.3	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
52C	MAINTAINER	E4	1	1.0	0.4	ABN MAINT HHS
			2	2.1	0.9	HV CPS MAINT HHS
			3	3.1	1.3	
52D	MAINTAINER	E4	2	2.0	0.7	HV CPS MAINT HHS
			2	2.0	0.7	
		E5	1	1.0	0.2	ABN MAINT HHS
			1	1.0	0.2	
63B	MAINTAINER	E3	2	2.1	1.8	HV CPS MAINT HHS
			3	3.1	2.7	LT DIV HHC
			5	5.2	4.6	
		E4	5	5.1	1.9	HV DIV HHC
			5	5.1	1.9	HV DIV MI BN
			10	10.3	3.9	
		E5	1	1.0	0.2	ABN MAINT HHS
			3	3.1	0.7	LT DIV MI BN
			4	4.1	1.0	
71L10	OFFLINE	E4	2	2.0	0.0	ABN CTCAE
			2	2.0	0.0	ABN CTSE
			8	8.0	0.0	CTAE CO
			6	6.0	0.0	CTSE CO
			10	10.0	0.0	HV DIV HHC
			15	15.0	0.0	HV DIV MI BN
			3	3.0	0.0	LT DIV MI BN
			46	46.0	0.0	
71L20	OFFLINE	E5	2	2.0	0.0	CTSE CO
			2	2.0	0.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
96B10	OFFLINE	E3	4	4.6	4.3	ABN CTSE
			12	13.7	13.0	CTSE CO
			15	17.1	16.3	HV DIV HHC
			5	5.7	5.4	HV DIV MI BN
			3	3.4	3.3	LT DIV HHC
			-----	-----	-----	
			39	44.5	42.3	
		E4	3	3.1	2.0	ABN CTSE
			4	4.1	2.6	CTAE CO
			10	10.3	6.5	CTSE CO
			10	10.3	6.5	HV DIV HHC
			5	5.1	3.3	HV DIV MI BN
			3	3.1	2.0	LT DIV HHC
			-----	-----	-----	
			35	36.0	22.8	
	OPERATOR	E4	5	5.1	3.3	HV DIV HHC
			3	3.1	2.0	LT DIV HHC
			3	3.1	2.0	LT DIV MI BN
			-----	-----	-----	
			11	11.3	7.2	
96B20	OFFLINE	E5	4	4.1	1.1	CTAE CO
			5	5.2	1.3	HV DIV MI BN
			-----	-----	-----	
			9	9.3	2.4	
	OPERATOR	E4	5	5.1	3.3	HV DIV HHC
			-----	-----	-----	
			5	5.1	3.3	
		E5	3	3.1	0.8	ABN CTSE
			6	6.2	1.6	CTSE CO
			5	5.2	1.3	HV DIV HHC
			6	6.2	1.6	LT DIV HHC
			3	3.1	0.8	LT DIV MI BN
			-----	-----	-----	
			23	23.8	6.1	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
96B30	OFFLINE	E6	2	2.1	0.4	CTSE CO
			2	2.1	0.4	
	OPERATOR	E6	1	1.0	0.2	ABN CTSE
			2	2.1	0.4	CTSE CO
			5	5.2	0.9	HV DIV HHC
			6	6.3	1.1	LT DIV HHC
			14	14.6	2.5	
96B40	OFFLINE	E7	5	5.3	0.7	HV DIV HHC
			5	5.3	0.7	
	OPERATOR	E7	1	1.1	0.1	ABN CTSE
			5	5.3	0.7	HV DIV HHC
			5	5.3	0.7	HV DIV MI BN
			11	11.6	1.6	
96B50	OFFLINE	E8	2	2.2	0.6	ABN CTSE
			2	2.2	0.6	CTSE CO
			4	4.5	1.2	
96D10	OFFLINE	E3	1	1.1	1.0	ABN CTSE
			2	2.2	2.0	CTAE CO
			3	3.3	3.0	
		E4	4	4.2	2.6	CTAE CO
			4	4.2	2.6	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE ALTE ID

ASAS BLOCK 1 21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
96D20	OFFLINE	E5	2	2.1	0.8	ABN CTSE
			2	2.1	0.8	CTAE CO
			4	4.2	1.5	
	OPERATOR	E5	2	2.1	0.8	CTSE CO
			2	2.1	0.8	
96D30	OPERATOR	E6	1	1.1	0.2	ABN CTSE
			2	2.1	0.4	CTSE CO
			3	3.2	0.5	
96D40	OPERATOR	E7	5	5.6	0.9	HV DIV HHC
			3	3.4	0.5	LT DIV HHC
			8	9.0	1.5	
96R40	OFFLINE	E7	5	5.6	1.6	HV DIV HHC
			3	3.4	1.0	LT DIV HHC
			8	9.0	2.5	
97B20	OFFLINE	E5	1	1.1	0.3	ABN CTSE
			1	1.1	0.3	
97B30	OFFLINE	E6	1	1.0	0.2	ABN CTSE
			1	1.0	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE ALTE ID

ASAS BLOCK 1 21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98C10	OFFLINE	E3	4	4.6	3.8	ABN CTCAE
			1	1.1	0.9	ABN CTSE
			2	2.3	1.9	CTAE CO
			15	17.1	14.2	HV DIV MI BN
			15	17.1	14.2	LT DIV MI BN
		E4	3	3.1	1.7	ABN CTCAE
			3	3.1	1.7	ABN CTSE
			12	12.5	6.7	CTAE CO
			2	2.1	1.1	CTSE CO
			5	5.2	2.8	HV DIV HHC
	OPERATOR	E3	15	15.6	8.4	HV DIV MI BN
			3	3.1	1.7	LT DIV MI BN
		E4	4	4.2	2.2	ABN CTCAE
			4	4.2	2.2	CTAE CO
			2	2.1	1.1	CTSE CO
			5	5.2	2.8	HV DIV HHC
			10	10.4	5.6	HV DIV MI BN
		E3	9	9.3	5.0	LT DIV MI BN
			18	20.5	17.0	
			34	35.3	19.0	
			8	8.3	4.5	CTAE CO
			8	8.3	4.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98C20	OFFLINE	E5	1	1.1	0.3	ABN CTCAE
			1	1.1	0.3	ABN CTSE
			-----	-----	-----	
		E6	2	2.1	0.6	
			2	2.1	0.3	CTAE CO
			-----	-----	-----	
	OPERATOR	E5	2	2.1	0.3	
			8	8.5	2.6	ABN CTCAE
			2	2.1	0.6	ABN CTSE
			5	5.3	1.6	HV DIV HHC
			25	26.4	8.1	HV DIV MI BN
			3	3.2	1.0	LT DIV HHC
			3	3.2	1.0	LT DIV MI BN
			-----	-----	-----	
			46	48.6	14.9	
98C2L	OFFLINE	E5	4	4.2	1.3	CTAE CO
			2	2.1	0.6	CTSE CO
			-----	-----	-----	
	OPERATOR	E5	6	6.3	1.9	
			10	10.6	3.2	CTAE CO
			2	2.1	0.6	CTSE CO
			6	6.3	1.9	LT DIV MI BN
			-----	-----	-----	
			18	19.0	5.8	
	OFFLINE	E6	3	3.1	0.4	LT DIV MI BN
			-----	-----	-----	
			3	3.1	0.4	
98C30	OPERATOR	E6	1	1.0	0.1	ABN CTCAE
			5	5.2	0.7	HV DIV MI BN
			6	6.2	0.9	LT DIV HHC
			-----	-----	-----	
			12	12.5	1.7	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98C3L	OFFLINE	E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			4	4.2	0.6	
	OPERATOR	E6	2	2.1	0.3	ABN CTCAE
			4	4.2	0.6	CTAE CO
			10	10.4	1.4	HV DIV MI BN
			3	3.1	0.4	LT DIV MI BN
			19	19.7	2.7	
98C40	OFFLINE	E7	1	1.1	0.2	ABN CTCAE
			1	1.1	0.2	ABN CTSE
			2	2.1	0.3	CTAE CO
			4	4.2	0.6	
	OPERATOR	E7	2	2.1	0.3	CTSE CO
			5	5.3	0.8	HV DIV MI BN
			7	7.4	1.1	
98C4L	OFFLINE	E7	2	2.1	0.3	CTAE CO
			2	2.1	0.3	
98G1L	OFFLINE	E4	3	3.1	2.2	ABN CTCAE
			5	5.2	3.6	HV DIV MI BN
			3	3.1	2.2	LT DIV MI BN
			11	11.5	7.9	
98G2L	OFFLINE	E5	2	2.1	0.9	ABN CTCAE
			10	10.4	4.5	HV DIV MI BN
			6	6.3	2.7	LT DIV MI BN
			18	18.8	8.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98G3L	OFFLINE	E6	2	2.1	0.3	ABN CTCAE
			2	2.1	0.3	
98G4L	OFFLINE	E7	3	3.1	0.4	LT DIV MI BN
			3	3.1	0.4	
98H20	OFFLINE	E5	1	1.0	0.4	ABN CTCAE
			5	5.2	1.8	HV DIV MI BN
			6	6.2	2.1	
98J10	OFFLINE	E3	8	8.3	7.2	CTAE CO
			5	5.2	4.5	HV DIV MI BN
			13	13.5	11.8	
		E4	14	14.3	6.2	CTAE CO
			4	4.1	1.8	CTSE CO
			20	20.5	8.9	HV DIV MI BN
			38	38.9	16.9	
	OPERATOR	E4	2	2.0	0.9	CTAE CO
			5	5.1	2.2	HV DIV MI BN
			3	3.1	1.3	LT DIV MI BN
			10	10.2	4.5	
98J20	OFFLINE	E5	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			5	5.2	0.8	HV DIV MI BN
			9	9.4	1.4	
	OPERATOR	E5	6	6.3	0.9	CTAE CO
			5	5.2	0.8	HV DIV MI BN
			3	3.1	0.5	LT DIV MI BN
			14	14.6	2.1	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98J30	OFFLINE	E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			4	4.3	0.6	
	OPERATOR	E6	5	5.3	0.8	HV DIV MI BN
			3	3.2	0.5	LT DIV MI BN
			8	8.5	1.2	
	OFFLINE	E7	2	2.1	0.2	CTAE CO
			2	2.1	0.2	CTSE CO
			5	5.3	0.6	HV DIV HHC
			3	3.2	0.4	LT DIV HHC
			12	12.8	1.4	
98J40	OPERATOR	E7	5	5.3	0.6	HV DIV HHC
			5	5.3	0.6	
	OFFLINE	E8	1	1.1	0.3	ABN CTCAE
			2	2.2	0.6	CTAE CO
			3	3.3	0.9	LT DIV MI BN
			6	6.6	1.7	
		E9	1	1.1	0.5	ABN CTSE
			2	2.2	1.0	CTSE CO
			5	5.5	2.4	HV DIV MI BN
			8	8.8	3.8	

-- TRAINING ALTERNATIVES --

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1			
Base Course Number	1023310			
Scenario Description	33T (CURR+NSG)	33T (CURR, OCS3)	33T (CURR+OP, OCS3)	
Scenario Number	90	91	92	
Predecessor Grads	0.00	0.00	0.00	
Current Grads	141	141	141	
New System Grads	6.90	6.90	6.90	
Attrition Rate	.21	.21	.21	
Course Length In Hours	1413	1413	1653	
Instructor Contact Hours	2705	2705	2945	
Normalized Grads	122	123	123	
Optimum Class Size	8	3	3	
Cost Per Grad	\$91,946	\$104,376	\$111,454	
System Specific Cost	\$634,424	\$720,196	\$769,032	
Total Course Cost	\$13,598,745	\$15,437,249	\$16,484,030	
System Instructors	2.73	7.17	7.79	
Total Instructors	51.27	122.31	131.82	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1		
Base Course Number	243-96B10		
Scenario Description	CCSEN (AUG 89)	CCSEN (CURR, OCS7)	CCSEN (CURR+OP, OCS7)
Scenario Number	54	55	56
Predecessor Grads	10.80	10.80	10.80
Current Grads	527	527	527
New System Grads	10.80	10.80	10.80
Attrition Rate	.22	.22	.22
Course Length In Hours	530	530	760
Instructor Contact Hours	1241	1241	1886
Normalized Grads	643	643	643
Optimum Class Size	36	7	7
Cost Per Grad	\$15,459	\$23,255	\$32,145
System Specific Cost	\$166,953	\$251,159	\$347,161
Total Course Cost	\$8,146,676	\$12,255,616	\$16,940,182
System Instructors	0.44	2.27	3.44
Total Instructors	20.37	90.43	130.71

-- TRAINING ALTERNATIVES --

ALTERNATIVE		ASAS BLOCK 1			
Base Course Number		243-96B10			
Scenario Description		WCGEN (AUG 89)	WCGEN (CURR, OCS12)	WCGEN (CURR+OP, OCS12)	
Scenario Number		66	67		68
Predecessor Grads		20.40	20.40		20.40
Current Grads		527	527		527
New System Grads		20.40	20.40		20.40
Attrition Rate		.22	.22		.22
Course Length In Hours		530	530		895
Instructor Contact Hours		1241	1241		2496
Normalized Grads		643	643		643
Optimum Class Size		36	12		12
Cost Per Grad		\$15,459	\$19,223		\$31,056
System Specific Cost		\$315,355	\$392,141		\$633,537
Total Course Cost		\$8,146,676	\$10,130,302		\$16,366,368
System Instructors		0.84	2.50		4.99
Total Instructors		20.37	56.03		104.10

-- TRAINING ALTERNATIVES --

ALTERNATIVE		ASAS BLOCK 1	
Base Course Number	243-96B10		
Scenario Description	CEIEN (DRAFT)	CEIEN (CURR, OCS12)	CEIEN (CURR+OP, OCS12)
Scenario Number	84	85	86
Predecessor Grads	66.40	66.40	66.40
Current Grads	527	527	527
New System Grads	66.40	66.40	66.40
Attrition Rate	.22	.22	.22
Course Length In Hours	530	530	730
Instructor Contact Hours	1241	1241	1994.15
Normalized Grads	643	643	643
Optimum Class Size	36	12	12
Cost Per Grad	\$15,459	\$19,223	\$26,004
System Specific Cost	\$1,026,450	\$1,276,380	\$1,726,692
Total Course Cost	\$8,146,676	\$10,130,302	\$13,704,317
System Instructors	2.71	7.99	12.66
Total Instructors	20.37	56.03	85.42

--- TRAINING ALTERNATIVES ---

ALTERNATIVE	ASAS BLOCK 1			
Base Course Number	243-96B20			
Scenario Description				
Scenario Number		75	76	77
Predecessor Grads		0.90	0.90	0.90
Current Grads		190	190	190
New System Grads		0.90	0.90	0.90
Attrition Rate		.01	.01	.01
Course Length In Hours		248	248	457
Instructor Contact Hours		324	324	736
Normalized Grads		210	210	210
Optimum Class Size		20	12	12
Cost Per Grad		\$8,788	\$9,423	\$16,347
System Specific Cost		\$7,909	\$8,481	\$14,712
Total Course Cost		\$1,669,717	\$1,790,446	\$3,105,966
System Instructors		0.01	0.02	0.05
Total Instructors		2.87	4.75	10.60

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1				
Base Course Number	3-30-C20-35A				
Scenario Description					
Scenario Number		72	73	74	
Predecessor Grads		0.80	0.80	0.80	
Current Grads		327	327	327	
New System Grads		0.80	0.80	0.80	
Attrition Rate		.01	.01	.01	
Course Length In Hours		950	950	1315	
Instructor Contact Hours		2613.5	2613.5	3868.5	
Normalized Grads		454	454	454	
Optimum Class Size		35	12	12	
Cost Per Grad		\$60,353	\$65,161	\$86,483	
System Specific Cost		\$48,282	\$52,128	\$69,186	
Total Course Cost		\$19,735,297	\$21,307,503	\$28,279,902	
System Instructors		0.06	0.16	0.24	
Total Instructors		21.51	57.51	81.51	

--- TRAINING ALTERNATIVES ---

ALTERNATIVE	ASAS BLOCK 1			
Base Course Number	3-30-C22			
Scenario Description	SPVOF (OCT 89)		SPVOF (CURR, OCS12)	SPVOF (CURR+OP, OCS12)
Scenario Number	81		82	83
Predecessor Grads	10.60		10.60	10.60
Current Grads	644		644	644
New System Grads	10.60		10.60	10.60
Attrition Rate	.02		.02	.02
Course Length In Hours	412		412	621
Instructor Contact Hours	1210.1		1210.1	1622.1
Normalized Grads	445		445	445
Optimum Class Size	60		12	12
Cost Per Grad	\$20,091		\$24,000	\$33,096
System Specific Cost	\$212,965		\$254,405	\$350,815
Total Course Cost	\$12,938,629		\$15,456,280	\$21,313,650
System Instructors	0.20		1.01	1.36
Total Instructors	11.89		53.43	69.42

--- TRAINING ALTERNATIVES ---

ALTERNATIVE		ASAS BLOCK 1			
Base Course Number		3-30-C32			
Scenario Description		SPVWO (OCT 89)	SPVWO (CURR, OCS12)	SPVWO (CURR+OP, OCS12)	
Scenario Number		78	79	80	
Predecessor Grads		4.60	4.60	4.60	
Current Grads		69	69	69	
New System Grads		4.60	4.60	4.60	
Attrition Rate		.01	.01	.01	
Course Length In Hours		197	197	406	
Instructor Contact Hours		363.5	363.5	775.5	
Normalized Grads		65	65	65	
Optimum Class Size		36	12	12	
Cost Per Grad		\$8,841	\$9,675	\$17,620	
System Specific Cost		\$40,668	\$44,505	\$81,050	
Total Course Cost		\$610,015	\$667,573	\$1,215,754	
System Instructors		0.04	0.13	0.28	
Total Instructors		0.65	1.96	4.14	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1				
Base Course Number	3A-964A				
Scenario Description	WCGWO (OCT 89)	WCGWO (CURR, OCS12)	WCGWO (CURR+OP, OCS12)		
Scenario Number	69	70	71		
Predecessor Grads	9.80	9.80	9.80		
Current Grads	13	13	13		
New System Grads	9.80	9.80	9.80		
Attrition Rate	.33	.33	.33		
Course Length In Hours	240	240	605		
Instructor Contact Hours	1025.5	1025.5	2280.5		
Normalized Grads	17	17	17		
Optimum Class Size	36	12	12		
Cost Per Grad	\$11,542	\$14,397	\$28,194		
System Specific Cost	\$113,114	\$141,092	\$276,299		
Total Course Cost	\$150,050	\$187,163	\$366,518		
System Instructors	0.39	1.16	2.57		
Total Instructors	0.51	1.54	3.40		

-- TRAINING ALTERNATIVES --

ALTERNATIVE		ASAS BLOCK 1	
		3A-964A	
Base Course Number			
Scenario Description			
Scenario Number		87	88
Predecessor Grads		7.50	7.50
Current Grads		13	13
New System Grads		7.50	7.50
Attrition Rate		.33	.33
Course Length In Hours		240	240
Instructor Contact Hours		1025.5	1025.5
Normalized Grads		17	17
Optimum Class Size		36	12
			CEIWO (CURR, OCS12)
			CEIWO (CURR+OP, OCS12)
Cost Per Grad		\$11,542	\$14,397
System Specific Cost		\$86,567	\$107,978
Total Course Cost		\$150,050	\$187,163
System Instructors		0.30	0.89
Total Instructors		0.51	1.54
			\$22,230
			\$166,727
			\$288,994
			1.54
			2.66

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1		
Base Course Number	610-63B10		
Scenario Description	63B (CURR)	63B (CURR+ASAS MECH)	
Scenario Number	105	106	
Predecessor Grads	0.00	0.00	
Current Grads	3252	3260	
New System Grads	0.00	9.50	
Attrition Rate	.07	.07	
Course Length In Hours	442	442	
Instructor Contact Hours	1959.9	1959.9	
Normalized Grads	3252	3252	
Optimum Class Size	50	50	
Cost Per Grad	\$10,503	\$10,503	
System Specific Cost	\$0	\$99,778	
Total Course Cost	\$34,155,631	\$34,339,433	
System Instructors	0.00	0.37	
Total Instructors	101.83	102.32	

-- TRAINING ALTERNATIVES --

ALTERNATIVE		ASAS BLOCK 1	
Base Course Number	662-52C10	52C (CURR)	52C (CURR+ASAS MECH)
Scenario Description			
Scenario Number		107	108
Predecessor Grads		0.00	0.00
Current Grads		315	321
New System Grads		0.00	1.30
Attrition Rate		.04	.04
Course Length In Hours		659	659
Instructor Contact Hours		2954	2954
Normalized Grads		315	315
Optimum Class Size		21	21
Cost Per Grad		\$20,033	\$20,033
System Specific Cost		\$0	\$26,043
Total Course Cost		\$6,310,427	\$6,456,669
System Instructors		0.00	0.18
Total Instructors		38.49	39.31

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1		
Base Course Number	662-52D10		
Scenario Description	52D (CURR)	52D (CURR+ASAS MECH)	
Scenario Number	109	110	
Predecessor Grads	0.00	0.00	
Current Grads	1635	1635	
New System Grads	0.00	0.90	
Attrition Rate	.03	.03	
Course Length In Hours	412	412	
Instructor Contact Hours	1762	1762	
Normalized Grads	643	643	
Optimum Class Size	32	32	
Cost Per Grad	\$11,855	\$11,855	
System Specific Cost	\$0	\$10,670	
Total Course Cost	\$19,383,266	\$19,393,936	
System Instructors	0.00	0.05	
Total Instructors	72.17	72.21	

-- TRAINING DELTAS --

-- TRAINING DELTAS --

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 1023310

MINUEND
SUBTRAHEND

92 91
90 90

SCENARIO A

92 91

SCENARIO B

92 91

SCEN A DESC

33T (CURR+OP, OCS3)

33T (CURR, OCS3)

33T (CURR+OP, OCS3)

SCEN B DESC

33T (CURR, OCS3)

33T (CURR, OCS3)

ATTRITION

0 0

COURSE LENGTH

240 240

OPTIMUM CLASS SIZE

-5 -5

INSTR CONTACT HOURS

240 240

CURRENT GRADS

0 0

NEW SYSTEM GRADS

0 0

NORMALIZED GRADS

1 1

PREDECESSOR GRADS

0 0

COST PER GRAD

\$19,508

\$12,431

\$7,078

SYSTEM SPECIFIC COST

\$134,608

\$85,772

\$48,836

TOTAL COURSE COST

\$2,885,285

\$1,838,504

\$1,046,781

SYSTEM INSTRUCTORS

5.06

4.44

0.62

TOTAL INSTRUCTORS

80.55

71.04

9.51

-- TRAINING DELTAS --

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 243-96B10

MINUEND	56	55	56
SUBTRAHEND	54	54	55

SCENARIO A	56	55	56
SCENARIO B	54	54	55
SCEN A DESC	CCSEN (CURR+OP, OCS7)		CCSEN (CURR+OP, OCS7)
SCEN B DESC	CCSEN (AUG 89)		CCSEN (CURR, OCS7)
ATTRITION	0	0	0
COURSE LENGTH	230	0	230
OPTIMUM CLASS SIZE	-29	-29	0
INSTR CONTACT HOURS	645	0	645
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0

COST PER GRAD	\$16,686	\$7,797	\$8,889
SYSTEM SPECIFIC COST	\$180,208	\$84,206	\$96,002
TOTAL COURSE COST	\$8,793,506	\$4,108,940	\$4,684,566
SYSTEM INSTRUCTORS	3.00	1.83	1.17
TOTAL INSTRUCTORS	110.34	70.06	40.28

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1		
BASE COURSE NUMBER	243-96B10		
MINUEND	67	68	68
SUBTRAHEND	66	66	67
SCENARIO A	67	68	68
SCENARIO B	66	66	67
SCEN A DESC	WCGEN (CURR, OCS12)	WCGEN (CURR+OP, OCS12)	WCGEN (CURR+OP, OCS12)
SCEN B DESC	WCGEN (AUG 89)	WCGEN (AUG 89)	WCGEN (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	365	365
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	0	1255	1255
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$3,764	\$15,597	\$11,833
SYSTEM SPECIFIC COST	\$76,786	\$318,182	\$241,396
TOTAL COURSE COST	\$1,983,626	\$8,219,692	\$6,236,066
SYSTEM INSTRUCTORS	1.66	4.15	2.49
TOTAL INSTRUCTORS	35.66	83.73	48.07

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1		
BASE COURSE NUMBER	243-96B10		
MINUEND	85	86	86
SUBTRAHEND	84	84	85
SCENARIO A	85	86	86
SCENARIO B	84	84	85
SCEN A DESC	CEIEN (CURR, OCS12)	CEIEN (CURR+OP, OCS12)	CEIEN (CURR+OP, OCS12)
SCEN B DESC	CEIEN (DRAFT)	CEIEN (DRAFT)	CEIEN (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	200	200
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	0	753.2	753.2
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$3,764	\$10,546	\$6,782
SYSTEM SPECIFIC COST	\$249,929	\$700,242	\$450,312
TOTAL COURSE COST	\$1,983,626	\$5,557,641	\$3,574,015
SYSTEM INSTRUCTORS	5.28	9.95	4.67
TOTAL INSTRUCTORS	35.66	65.05	29.39

-- TRAINING DELTAS --

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 243-96B20

MINJEND
SUBTRAHEND

76 77
75 76

SCENARIO A

76 77

SCENARIO B

75 76

SCEN A DESC

SPVEN (CURR, OCS12)

SCEN B DESC

SPVEN (CURR+OP, OCS12)

ATTRITION

SPVEN (CURR, OCS12)

COURSE LENGTH

0 0

OPTIMUM CLASS SIZE

0 209

INSTR CONTACT HOURS

-8 -8

CURRENT GRADS

0 412

NEW SYSTEM GRADS

0 0

NORMALIZED GRADS

0 0

PREDECESSOR GRADS

0 0

COST PER GRAD

\$635 \$7,559

SYSTEM SPECIFIC COST

\$572 \$6,803

TOTAL COURSE COST

\$120,729 \$1,436,249

SYSTEM INSTRUCTORS

0.01 0.04

TOTAL INSTRUCTORS

1.88 7.73

\$6,924
\$6,231
\$1,315,520
0.03
5.85

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1			
BASE COURSE NUMBER	3-30-C20-35A			
MINUEND	73	74		74
SUBTRAHEND	72	72		73
SCENARIO A	73	74		74
SCENARIO B	72	72		73
SCEN A DESC	WCGOF (CURR, OCS12)	WCGOF (CURR+OP, OCS12)		WCGOF (CURR+OP, OCS12)
SCEN B DESC	WCGOF (DRAFT)	WCGOF (DRAFT)		WCGOF (CURR, OCS12)
ATTRITION	0	0		0
COURSE LENGTH	0	365		365
OPTIMUM CLASS SIZE	-23	-23		0
INSTR CONTACT HOURS	0	1255		1255
CURRENT GRADS	0	0		0
NEW SYSTEM GRADS	0	0		0
NORMALIZED GRADS	0	0		0
PREDECESSOR GRADS	0	0		0
COST PER GRAD	\$4,808	\$26,130		\$21,322
SYSTEM SPECIFIC COST	\$3,846	\$20,904		\$17,058
TOTAL COURSE COST	\$1,572,206	\$8,544,606		\$6,972,399
SYSTEM INSTRUCTORS	0.10	0.18		0.08
TOTAL INSTRUCTORS	36.00	60.00		24.00

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1		
BASE COURSE NUMBER	3-30-C22		
MINUEND	82	83	83
SUBTRAHEND	81	81	82
SCENARIO A	82	83	83
SCENARIO B	81	81	82
SCEN A DESC	SPVOF (CURR, OCS12)	SPVOF (CURR+OP, OCS12)	SPVOF (CURR+OP, OCS12)
SCEN B DESC	SPVOF (OCT 89)	SPVOF (OCT 89)	SPVOF (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	209	209
OPTIMUM CLASS SIZE	-48	-48	0
INSTR CONTACT HOURS	0	412	412
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$3,909	\$13,005	\$9,095
SYSTEM SPECIFIC COST	\$41,440	\$137,850	\$96,410
TOTAL COURSE COST	\$2,517,651	\$8,375,021	\$5,857,371
SYSTEM INSTRUCTORS	0.81	1.16	0.35
TOTAL INSTRUCTORS	41.54	57.53	15.99

-- TRAINING DELTAS --

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 3-30-C32

MINUEND	79	80	80
SUBTRAHEND	78	78	79
SCENARIO A	79	80	80
SCENARIO B	78	78	79
SCEN A DESC	SPVWO (CURR, OCS12)	SPVWO (CURR+OP, OCS12)	SPVWO (CURR+OP, OCS12)
SCEN B DESC	SPVWO (OCT 89)	SPVWO (OCT 89)	SPVWO (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	209	209
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	0	412	412
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$834	\$8,779	\$7,945
SYSTEM SPECIFIC COST	\$3,837	\$40,383	\$36,545
TOTAL COURSE COST	\$57,558	\$605,739	\$548,181
SYSTEM INSTRUCTORS	0.09	0.24	0.15
TOTAL INSTRUCTORS	1.31	3.49	2.18

-- TRAINING DELTAS --

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 3A-964A

MINUEND	70	71	71
SUBTRAHEND	69	69	70
SCENARIO A	70	71	71
SCENARIO B	69	69	70
SCEN A DESC	WCGWO (CURR, OCS12)	WCGWO (CURR+OP, OCS12)	WCGWO (CURR+OP, OCS12)
SCEN B DESC	WCGWO (OCT 89)	WCGWO (OCT 89)	WCGWO (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	365	365
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	0	1255	1255
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$2,855	\$16,651	\$13,797
SYSTEM SPECIFIC COST	\$27,977	\$163,184	\$135,207
TOTAL COURSE COST	\$37,113	\$216,469	\$179,356
SYSTEM INSTRUCTORS	0.77	2.18	1.41
TOTAL INSTRUCTORS	1.03	2.89	1.86

-- TRAINING DELTAS --

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 3A-964A

MINUEND	88	89	89
SUBTRAHEND	87	87	88
SCENARIO A	88	89	89
SCENARIO B	87	87	88
SCEN A DESC			CEIWO (CURR+OP, OCS12)
SCEN B DESC			CEIWO (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	200	200
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	0	753.2	753.2
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$2,855	\$10,688	\$7,833
SYSTEM SPECIFIC COST	\$21,411	\$80,160	\$58,749
TOTAL COURSE COST	\$37,113	\$138,944	\$101,832
SYSTEM INSTRUCTORS	0.59	1.24	0.65
TOTAL INSTRUCTORS	1.03	2.15	1.12

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1	
BASE COURSE NUMBER	610-63B10	
MINUEND		106
SUBTRAHEND		105
SCENARIO A		106
SCENARIO B		105
SCEN A DESC	63B (CURR+ASAS MECH)	
SCEN B DESC	63B (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		8
NEW SYSTEM GRADS		9.5
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$99,778
TOTAL COURSE COST		\$183,802
SYSTEM INSTRUCTORS		0.37
TOTAL INSTRUCTORS		0.49

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1	
BASE COURSE NUMBER	662-52C10	
MINUEND		108
SUBTRAHEND		107
SCENARIO A		108
SCENARIO B		107
SCEN A DESC	52C (CURR+ASAS MECH)	
SCEN B DESC	52C (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		6
NEW SYSTEM GRADS		1.3
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$26,043
TOTAL COURSE COST		\$146,242
SYSTEM INSTRUCTORS		0.18
TOTAL INSTRUCTORS		0.82

--- TRAINING DELTAS ---

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 662-52D10

MINUEND 110
SUBTRAHEND 109

SCENARIO A 110
SCENARIO B 109
SCEN A DESC 52D (CURR+ASAS MECH)
SCEN B DESC 52D (CURR)
ATTRITION 0
COURSE LENGTH 0
OPTIMUM CLASS SIZE 0
INSTR CONTACT HOURS 0
CURRENT GRADS 0
NEW SYSTEM GRADS .9
NORMALIZED GRADS 0
PREDECESSOR GRADS 0

COST PER GRAD \$0
SYSTEM SPECIFIC COST \$10,670
TOTAL COURSE COST \$10,670
SYSTEM INSTRUCTORS 0.05
TOTAL INSTRUCTORS 0.04

Appendix O

ASAS Block I Tradeoff #1

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS --
for Assigned Positions

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#1		47		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
25Q10	E3	1.00	1.0000	0.0000
33T	E3	1.00	1.0776	0.9383
	E4	1.00	1.0263	0.3825
	E5	1.00	1.0286	0.3405
350B	W2	1.00	1.0545	0.2392
		2.00	2.1090	0.4783
		3.00	3.1636	0.7175
	W4	1.00	1.1000	0.1947
351B	W2	1.00	1.0715	0.2422
352C	W2	1.00	1.0723	0.2784
	W4	1.00	1.0746	0.2869
352G	W2	1.00	1.1250	0.1561
	W4	1.00	1.0870	0.1815
352H	W2	1.00	1.1111	0.3522
352J	W2	1.00	1.1500	0.4248
	W4	1.00	1.0000	0.1430
35A	O2	1.00	1.2082	0.6851
	C3	1.00	1.2120	0.2633
35B	O3	1.00	1.2120	0.2633
35C	O3	1.00	1.2120	0.2633
	O4	1.00	1.1382	0.2349
35D	O3	1.00	1.2120	0.2633
		2.00	2.4239	0.5266
	O4	1.00	1.1382	0.2349
	O5	1.00	1.0872	0.3050
35E	O3	1.00	1.2120	0.2633
35G	O3	1.00	1.2120	0.2633
	O4	1.00	1.1382	0.2349
52C	E4	1.00	1.0297	0.4458
52D	E4	1.00	1.0235	0.3320
	E5	1.00	1.0300	0.1589

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#1		47		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
63B	E3	1.00	1.0391	0.9166
	E4	1.00	1.0254	0.3883
	E5	1.00	1.0223	0.2402
71L10	E4	1.00	1.0000	0.0000
		2.00	2.0000	0.0000
71L20	E5	1.00	1.0000	0.0000
96B10	E3	1.00	1.1414	1.0836
		2.00	2.2828	2.1672
		3.00	3.4243	3.2508
	E4	1.00	1.0280	0.6520
		2.00	2.0559	1.3039
		3.00	3.0839	1.9559
96B20	E4	1.00	1.0280	0.6520
	E5	1.00	1.0336	0.2657
96B30	E6	1.00	1.0455	0.1754
96B40	E7	1.00	1.0535	0.1484
96B50	E8	1.00	1.1226	0.3084
96D10	E3	1.00	1.0959	0.9870
	E4	1.00	1.0541	0.6455
96D20	E5	1.00	1.0454	0.3806
96D30	E6	1.00	1.0608	0.1765
96D40	E7	1.00	1.1221	0.1831
96R40	E7	1.00	1.1282	0.3174
97B20	E5	1.00	1.0782	0.2844
97B30	E6	1.00	1.0000	0.2336
98C10	E3	1.00	1.1379	0.9446
		2.00	2.2758	1.8893
	E4	1.00	1.0389	0.5594
		2.00	2.0777	1.1189
98C1L	E4	2.00	2.0777	1.1189

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#1		47		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
98C20	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
	E6	1.00	1.0393	0.1444
98C2L	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
98C30	E6	1.00	1.0393	0.1444
98C3L	E6	1.00	1.0393	0.1444
98C40	E7	1.00	1.0621	0.1545
98C4L	E7	1.00	1.0621	0.1545
98G1L	E4	1.00	1.0431	0.7205
		2.00	2.0862	1.4409
98G2L	E5	1.00	1.0421	0.4456
98G3L	E6	1.00	1.0489	0.1712
98G4L	E7	1.00	1.0482	0.1243
98H20	E5	1.00	1.0310	0.3564
98J10	E3	1.00	1.0382	0.9051
		2.00	2.0764	1.8103
	E4	1.00	1.0245	0.4456
		2.00	2.0490	0.8912
		3.00	3.0735	1.3368
98J20	E5	1.00	1.0462	0.1522
98J30	E6	1.00	1.0669	0.1530
98J40	E7	1.00	1.0655	0.1191
98Z50	E8	1.00	1.1035	0.2897
	E9	1.00	1.1035	0.4789

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

ALTERNATIVE	ALTERN ID				
T.O.#1					
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
MAINTAINER	UNDEF	ENLISTED	36	37.25	18.5
		Sum	36	37.25	18.5
OFFLINE	MSNSUP	OFFICER	35	41.09	9.0
		WARRANT	9	9.95	2.0
		Sum	44	51.04	10.9
	UNDEF	ENLISTED	398	421.39	200.2
		OFFICER	60	72.16	19.8
		WARRANT	39	41.20	9.0
		Sum	497	534.76	229.0
OPERATOR	CCS	ENLISTED	28	29.36	10.9
		Sum	28	29.36	10.9
	CEI	ENLISTED	108	113.20	28.5
		WARRANT	24	26.44	7.6
		Sum	132	139.64	36.1
	SPV/FMR/MRA	ENLISTED	7	7.45	0.9
		OFFICER	6	7.20	1.6
		WARRANT	9	9.67	2.6
		Sum	22	24.32	5.0
	TCAC	ENLISTED	64	68.47	37.9
		Sum	64	68.47	37.9
	TSE OPER	ENLISTED	69	72.36	20.3
		OFFICER	3	3.64	0.8
		WARRANT	38	41.30	9.8
		Sum	110	117.30	30.9

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----	-----			
ABN CTCAE	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	1	1.14	0.2
		WARRANT	1	1.11	0.4
	UNDEF	ENLISTED	20	21.23	10.0
OPERATOR	CEI	ENLISTED	8	8.40	2.0
		WARRANT	4	4.34	1.0
	TCAC	ENLISTED	8	8.46	4.2
		Sum	42	44.69	17.8

ABN CTSE	T.O.#1				
-----	-----	-----			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	2	2.30	0.6
	UNDEF	ENLISTED	23	24.64	12.8
		OFFICER	9	10.69	2.3
		WARRANT	7	7.43	1.8
OPERATOR	CCS	ENLISTED	2	2.11	0.6
	SPV/FMR/MRA	OFFICER	1	1.14	0.2
		WARRANT	1	1.07	0.3
	TSE OPER	ENLISTED	6	6.26	1.3
		WARRANT	4	4.22	1.0
		Sum	55	59.86	20.8

ABN MAINT HHS	T.O.#1				
-----	-----	-----			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	4	4.11	1.2
		Sum	4	4.11	1.2

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
CTAE CO	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
OFFLINE	MSNSUP	OFFICER	4	4.85	1.1
	UNDEF	ENLISTED	80	83.33	35.0
		WARRANT	8	8.30	1.7
OPERATOR	CEI	ENLISTED	20	20.93	5.7
		WARRANT	4	4.32	0.9
	TCAC	ENLISTED	16	16.86	8.5
		Sum	132	138.59	52.9

CTSE CO	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
OFFLINE	MSNSUP	OFFICER	4	4.45	1.1
	UNDEF	ENLISTED	54	57.24	26.1
		OFFICER	26	31.22	6.7
		WARRANT	16	16.73	3.6
OPERATOR	CCS	ENLISTED	4	4.19	1.8
	SPV/FMR/MRA	ENLISTED	2	2.12	0.3
		OFFICER	2	2.42	0.5
	TSE OPER	ENLISTED	12	12.50	3.1
		WARRANT	8	8.44	1.9
		Sum	128	139.33	45.2

HV CPS MAINT HHS	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
MAINTAINER	UNDEF	ENLISTED	8	8.34	5.3
		Sum	8	8.34	5.3

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----	-----	-----	-----	-----
HV DIV HHC	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	5	5.13	1.9
OFFLINE	MSNSUP	OFFICER	10	11.75	2.5
	UNDEF	ENLISTED	55	58.83	28.5
		OFFICER	25	30.26	10.8
OPERATOR	CCS	ENLISTED	10	10.48	4.4
	SPV/FMR/MRA	ENLISTED	5	5.33	0.6
		WARRANT	5	5.37	1.4
	TSE OPER	ENLISTED	30	31.55	10.4
		WARRANT	20	22.12	5.5
		Sum	165	180.82	66.1
HV DIV MI BN	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	10	10.26	3.9
OFFLINE	MSNSUP	OFFICER	5	5.69	1.2
		WARRANT	5	5.62	0.8
	UNDEF	ENLISTED	115	120.89	59.0
		WARRANT	5	5.36	1.4
OPERATOR	CEI	ENLISTED	50	52.58	10.1
		WARRANT	10	11.11	3.5
	TCAC	ENLISTED	40	43.15	25.2
		Sum	240	254.66	105.0

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----	-----			
LT DIV HHC	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	3	3.12	2.7
OFFLINE	MSNSUP	OFFICER	6	7.27	1.6
	UNDEF	ENLISTED	12	13.09	6.5
OPERATOR	CCS	ENLISTED	6	6.29	1.4
	SPV/FMR/MRA	OFFICER	3	3.64	0.8
		WARRANT	3	3.22	0.9
	TSE OPER	ENLISTED	21	22.04	5.6
		OFFICER	3	3.64	0.8
		WARRANT	6	6.52	1.4
		Sum	63	68.83	21.7
LT DIV MI BN	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	6	6.30	3.5
OFFLINE	MSNSUP	OFFICER	3	3.64	0.8
		WARRANT	3	3.22	0.8
	UNDEF	ENLISTED	39	42.14	22.4
		WARRANT	3	3.37	0.5
OPERATOR	CCS	ENLISTED	6	6.29	2.6
	CEI	ENLISTED	30	31.29	10.7
		WARRANT	6	6.67	2.1
		Sum	96	102.91	43.5

-- ALL MOS(s) SORTED BY POSITIONS, GRADES AND UTOE --
SUMMARIZED BY FORCE

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID					
T.O.#1			47			
MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
25Q10	OFFLINE	E3	2	2.0	0.0	CTSE CO
			2	2.0	0.0	
33T	MAINTAINER	E3	2	2.2	1.9	HV CPS MAINT HHS
			3	3.2	2.8	LT DIV MI BN
			5	5.4	4.7	
		E4	5	5.1	1.9	HV DIV MI BN
			5	5.1	1.9	
		E5	1	1.0	0.3	ABN MAINT HHS
			1	1.0	0.3	
350B	OFFLINE	W2	4	4.2	1.0	ABN CTSE
			8	8.4	1.9	CTSE CO
			12	12.7	2.9	
	OPERATOR	W2	4	4.2	1.0	ABN CTSE
			8	8.4	1.9	CTSE CO
			12	12.7	2.9	
		W4	10	11.0	1.9	HV DIV HHC
			3	3.3	0.6	LT DIV HHC
			13	14.3	2.5	
351B	OFFLINE	W2	1	1.1	0.2	ABN CTSE
			1	1.1	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
352C	OFFLINE	W2	2	2.1	0.6	ABN CTSE
			5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
				10	10.7	2.8
		W4	4	4.3	1.1	CTAE CO
			4	4.3	1.1	CTSE CO
	OPERATOR	W2	8	8.6	2.3	
			3	3.2	0.8	ABN CTCAE
			1	1.1	0.3	ABN CTSE
			5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
				12	12.9	3.3
		W4	2	2.1	0.6	CTAE CO
			10	10.7	2.9	HV DIV HHC
			6	6.4	1.7	LT DIV HHC
				18	19.3	5.2
352G	OFFLINE	W2	5	5.6	0.8	HV DIV MI BN
			3	3.4	0.5	LT DIV MI BN
				8	9.0	1.2
	OPERATOR	W2	1	1.1	0.2	ABN CTCAE
			1	1.1	0.2	
		W4	2	2.2	0.4	CTAE CO
			2	2.2	0.4	
352H	OFFLINE	W2	1	1.1	0.4	ABN CTCAE
			1	1.1	0.4	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
352J	OFFLINE	W4	4	4.0	0.6	CTAE CO
			4	4.0	0.6	CTSE CO
			8	8.0	1.1	
	OPERATOR	W2	5	5.7	2.1	HV DIV HHC
			5	5.7	2.1	HV DIV MI BN
			3	3.4	1.3	LT DIV MI BN
			13	14.9	5.5	
35A	OFFLINE	02	10	12.1	6.9	HV DIV HHC
			10	12.1	6.9	
		03	3	3.6	0.8	LT DIV HHC
			3	3.6	0.8	
35B	OFFLINE	03	2	2.4	0.5	CTSE CO
			2	2.4	0.5	
35C	OFFLINE	03	1	1.2	0.3	ABN CTSE
			4	4.8	1.1	CTSE CO
			5	6.1	1.3	HV DIV HHC
			10	12.1	2.6	
	OPERATOR	03	3	3.6	0.8	LT DIV HHC
			3	3.6	0.8	
		04	1	1.1	0.2	ABN CTSE
			1	1.1	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
35D	OFFLINE	03	5	6.1	1.3	ABN CTSE
			4	4.8	1.1	CTAE CO
			6	7.3	1.6	CTSE CO
			5	6.1	1.3	HV DIV HHC
			3	3.6	0.8	LT DIV HHC
			23	27.9	6.1	
		04	3	3.4	0.7	ABN CTSE
			4	4.6	0.9	CTSE CO
			5	5.7	1.2	HV DIV HHC
			12	13.7	2.8	
		05	1	1.1	0.3	ABN CTSE
			2	2.2	0.6	CTSE CO
			3	3.3	0.9	
35E	OFFLINE	03	2	2.4	0.5	CTSE CO
			2	2.4	0.5	
35G	OFFLINE	03	1	1.2	0.3	ABN CTSE
			8	9.7	2.1	CTSE CO
			10	12.1	2.6	HV DIV HHC
			3	3.6	0.8	LT DIV MI BN
			22	26.7	5.8	
		04	1	1.1	0.2	ABN CTCAE
			2	2.3	0.5	CTSE CO
			5	5.7	1.2	HV DIV MI BN
			8	9.1	1.9	
	OPERATOR	03	2	2.4	0.5	CTSE CO
			3	3.6	0.8	LT DIV HHC
			5	6.1	1.3	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
52C	MAINTAINER	E4	1	1.0	0.4	ABN MAINT HHS
			2	2.1	0.9	HV CPS MAINT HHS
			3	3.1	1.3	
52D	MAINTAINER	E4	2	2.0	0.7	HV CPS MAINT HHS
			2	2.0	0.7	
		E5	1	1.0	0.2	ABN MAINT HHS
			1	1.0	0.2	
63B	MAINTAINER	E3	2	2.1	1.8	HV CPS MAINT HHS
			3	3.1	2.7	LT DIV HHC
			5	5.2	4.6	
		E4	5	5.1	1.9	HV DIV HHC
			5	5.1	1.9	HV DIV MI BN
			10	10.3	3.9	
		E5	1	1.0	0.2	ABN MAINT HHS
			3	3.1	0.7	LT DIV MI BN
			4	4.1	1.0	
71L10	OFFLINE	E4	2	2.0	0.0	ABN CTCAE
			2	2.0	0.0	ABN CTSE
			8	8.0	0.0	CTAE CO
			6	6.0	0.0	CTSE CO
			10	10.0	0.0	HV DIV HHC
			15	15.0	0.0	HV DIV MI BN
			3	3.0	0.0	LT DIV MI BN
			46	46.0	0.0	
71L20	OFFLINE	E5	2	2.0	0.0	CTSE CO
			2	2.0	0.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID						
T.O.#1	47						
MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID	
96B10	OFFLINE	E3	4	4.6	4.3	ABN CTSE	
			12	13.7	13.0	CTSE CO	
			15	17.1	16.3	HV DIV HHC	
			5	5.7	5.4	HV DIV MI BN	
			3	3.4	3.3	LT DIV HHC	
		39	44.5	42.3			
		E4	3	3.1	2.0	ABN CTSE	
			4	4.1	2.6	CTAE CO	
			10	10.3	6.5	CTSE CO	
			10	10.3	6.5	HV DIV HHC	
	5		5.1	3.3	HV DIV MI BN		
	3	3.1	2.0	LT DIV HHC			
	35	36.0	22.8				
	OPERATOR	E4	5	5.1	3.3	HV DIV HHC	
			3	3.1	2.0	LT DIV HHC	
			3	3.1	2.0	LT DIV MI BN	
			11	11.3	7.2		
	96B20	OFFLINE	E5	4	4.1	1.1	CTAE CO
				5	5.2	1.3	HV DIV MI BN
9			9.3	2.4			
OPERATOR			E4	5	5.1	3.3	HV DIV HHC
				5	5.1	3.3	
		E5	3	3.1	0.8	ABN CTSE	
			6	6.2	1.6	CTSE CO	
			5	5.2	1.3	HV DIV HHC	
6			6.2	1.6	LT DIV HHC		
3			3.1	0.8	LT DIV MI BN		
23		23.8	6.1				

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
96B30	OFFLINE	E6	2	2.1	0.4	CTSE CO
			2	2.1	0.4	
	OPERATOR	E6	1	1.0	0.2	ABN CTSE
			2	2.1	0.4	CTSE CO
			5	5.2	0.9	HV DIV HHC
			6	6.3	1.1	LT DIV HHC
			14	14.6	2.5	
96B40	OFFLINE	E7	5	5.3	0.7	HV DIV HHC
			5	5.3	0.7	
	OPERATOR	E7	1	1.1	0.1	ABN CTSE
			5	5.3	0.7	HV DIV HHC
			5	5.3	0.7	HV DIV MI BN
			11	11.6	1.6	
96B50	OFFLINE	E8	2	2.2	0.6	ABN CTSE
			2	2.2	0.6	CTSE CO
			4	4.5	1.2	
96D10	OFFLINE	E3	1	1.1	1.0	ABN CTSE
			2	2.2	2.0	CTAE CO
			3	3.3	3.0	
		E4	4	4.2	2.6	CTAE CO
			4	4.2	2.6	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
96D20	OFFLINE	E5	2	2.1	0.8	ABN CTSE
			2	2.1	0.8	CTAE CO
			4	4.2	1.5	
	OPERATOR	E5	2	2.1	0.8	CTSE CO
			2	2.1	0.8	
96D30	OPERATOR	E6	1	1.1	0.2	ABN CTSE
			2	2.1	0.4	CTSE CO
			3	3.2	0.5	
96D40	OPERATOR	E7	5	5.6	0.9	HV DIV HHC
			3	3.4	0.5	LT DIV HHC
			8	9.0	1.5	
96R40	OFFLINE	E7	5	5.6	1.6	HV DIV HHC
			3	3.4	1.0	LT DIV HHC
			8	9.0	2.5	
97B20	OFFLINE	E5	1	1.1	0.3	ABN CTSE
			1	1.1	0.3	
97B30	OFFLINE	E6	1	1.0	0.2	ABN CTSE
			1	1.0	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98C10	OFFLINE	E3	4	4.6	3.8	ABN CTCAE
			1	1.1	0.9	ABN CTSE
			2	2.3	1.9	CTAE CO
			15	17.1	14.2	HV DIV MI BN
			15	17.1	14.2	LT DIV MI BN
			-----	-----	-----	
			37	42.1	35.0	
		E4	3	3.1	1.7	ABN CTCAE
			3	3.1	1.7	ABN CTSE
			12	12.5	6.7	CTAE CO
			2	2.1	1.1	CTSE CO
			5	5.2	2.8	HV DIV HHC
			15	15.6	8.4	HV DIV MI BN
			3	3.1	1.7	LT DIV MI BN
			-----	-----	-----	
			43	44.7	24.1	
	OPERATOR	E3	1	1.1	0.9	ABN CTCAE
			2	2.3	1.9	CTAE CO
			15	17.1	14.2	HV DIV MI BN
			-----	-----	-----	
			18	20.5	17.0	
		E4	4	4.2	2.2	ABN CTCAE
			4	4.2	2.2	CTAE CO
			2	2.1	1.1	CTSE CO
			5	5.2	2.8	HV DIV HHC
			10	10.4	5.6	HV DIV MI BN
			9	9.3	5.0	LT DIV MI BN
			-----	-----	-----	
			34	35.3	19.0	
98C1L	OPERATOR	E4	8	8.3	4.5	CTAE CO
			-----	-----	-----	
			8	8.3	4.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE ALTE ID

T.O.#1 47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID			
98C20	OFFLINE	E5	1	1.1	0.3	ABN CTCAE			
			1	1.1	0.3	ABN CTSE			
			2	2.1	0.6				
		E6	2	2.1	0.3	CTAE CO			
			2	2.1	0.3				
	OPERATOR	E5	8	8.5	2.6	ABN CTCAE			
			2	2.1	0.6	ABN CTSE			
			5	5.3	1.6	HV DIV HHC			
			25	26.4	8.1	HV DIV MI BN			
			3	3.2	1.0	LT DIV HHC			
			3	3.2	1.0	LT DIV MI BN			
			46	48.6	14.9				
			98C2L	OFFLINE	E5	4	4.2	1.3	CTAE CO
						2	2.1	0.6	CTSE CO
6	6.3	1.9							
OPERATOR	E5	10		10.6	3.2	CTAE CO			
		2		2.1	0.6	CTSE CO			
		6		6.3	1.9	LT DIV MI BN			
		18	19.0	5.8					
98C30	OFFLINE	E6	3	3.1	0.4	LT DIV MI BN			
			3	3.1	0.4				
	OPERATOR	E6	1	1.0	0.1	ABN CTCAE			
			5	5.2	0.7	HV DIV MI BN			
			6	6.2	0.9	LT DIV HHC			
			12	12.5	1.7				

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98C3L	OFFLINE	E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			-----	-----	-----	
			4	4.2	0.6	
	OPERATOR	E6	2	2.1	0.3	ABN CTCAE
			4	4.2	0.6	CTAE CO
			10	10.4	1.4	HV DIV MI BN
			3	3.1	0.4	LT DIV MI BN
			-----	-----	-----	
			19	19.7	2.7	
98C40	OFFLINE	E7	1	1.1	0.2	ABN CTCAE
			1	1.1	0.2	ABN CTSE
			2	2.1	0.3	CTAE CO
			-----	-----	-----	
			4	4.2	0.6	
	OPERATOR	E7	2	2.1	0.3	CTSE CO
			5	5.3	0.8	HV DIV MI BN
			-----	-----	-----	
			7	7.4	1.1	
98C4L	OFFLINE	E7	2	2.1	0.3	CTAE CO
			-----	-----	-----	
			2	2.1	0.3	
98G1L	OFFLINE	E4	3	3.1	2.2	ABN CTCAE
			5	5.2	3.6	HV DIV MI BN
			3	3.1	2.2	LT DIV MI BN
			-----	-----	-----	
			11	11.5	7.9	
98G2L	OFFLINE	E5	2	2.1	0.9	ABN CTCAE
			10	10.4	4.5	HV DIV MI BN
			6	6.3	2.7	LT DIV MI BN
			-----	-----	-----	
			18	18.8	8.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID					
T.O.#1			47			
MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98G3L	OFFLINE	E6	2	2.1	0.3	ABN CTCAE
			2	2.1	0.3	
98G4L	OFFLINE	E7	3	3.1	0.4	LT DIV MI BN
			3	3.1	0.4	
98H20	OFFLINE	E5	1	1.0	0.4	ABN CTCAE
			5	5.2	1.8	HV DIV MI BN
			6	6.2	2.1	
98J10	OFFLINE	E3	8	8.3	7.2	CTAE CO
			5	5.2	4.5	HV DIV MI BN
			13	13.5	11.8	
		E4	14	14.3	6.2	CTAE CO
			4	4.1	1.8	CTSE CO
			20	20.5	8.9	HV DIV MI BN
			38	38.9	16.9	
	OPERATOR	E4	2	2.0	0.9	CTAE CO
			5	5.1	2.2	HV DIV MI BN
			3	3.1	1.3	LT DIV MI BN
			10	10.2	4.5	
98J20	OFFLINE	E5	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			5	5.2	0.8	HV DIV MI BN
			9	9.4	1.4	
	OPERATOR	E5	6	6.3	0.9	CTAE CO
			5	5.2	0.8	HV DIV MI BN
			3	3.1	0.5	LT DIV MI BN
			14	14.6	2.1	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98J30	OFFLINE	E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			-----	-----	-----	
			4	4.3	0.6	
	OPERATOR	E6	5	5.3	0.8	HV DIV MI BN
			3	3.2	0.5	LT DIV MI BN
			-----	-----	-----	
			8	8.5	1.2	
	OFFLINE	E7	2	2.1	0.2	CTAE CO
			2	2.1	0.2	CTSE CO
			5	5.3	0.6	HV DIV HHC
			3	3.2	0.4	LT DIV HHC
			-----	-----	-----	
			12	12.8	1.4	
			-----	-----	-----	
	OPERATOR	E7	5	5.3	0.6	HV DIV HHC
			-----	-----	-----	
			5	5.3	0.6	
98Z50	OFFLINE	E8	1	1.1	0.3	ABN CTCAE
			2	2.2	0.6	CTAE CO
			3	3.3	0.9	LT DIV MI BN
			-----	-----	-----	
			6	6.6	1.7	
		E9	1	1.1	0.5	ABN CTSE
			2	2.2	1.0	CTSE CO
			5	5.5	2.4	HV DIV MI BN
			-----	-----	-----	
			8	8.8	3.8	
			-----	-----	-----	

-- TRAINING ALTERNATIVES --

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1		
Base Course Number	1023310		
Scenario Description	33T(CURR+NSG)	33T(CURR, OCS4)	33T(CURR+OP, OCS4)
Scenario Number	90	91	92
Predecessor Grads	0.00	0.00	0.00
Current Grads	141	141	141
New System Grads	6.90	6.90	6.90
Attrition Rate	.21	.21	.21
Course Length In Hours	1413	1413	1733
Instructor Contact Hours	2705	2705	3163
Normalized Grads	122	123	123
Optimum Class Size	8	4	4
Cost Per Grad	\$91,946	\$99,404	\$109,014
System Specific Cost	\$634,424	\$685,887	\$752,194
Total Course Cost	\$13,598,745	\$14,701,848	\$16,123,111
System Instructors	2.73	5.41	6.31
Total Instructors	51.27	94.96	108.97

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1		WCGEN (AUG 89)	WCGEN (CURR, OCS12)	WCGEN (CURR+OP, OCS12)
Base Course Number	243-96B10				
Scenario Description					
Scenario Number		66	67	68	
Predecessor Grads		22.40	22.40	22.40	
Current Grads		527	527	527	
New System Grads		22.40	22.40	22.40	
Attrition Rate		.22	.22	.22	
Course Length In Hours		530	530	770	
Instructor Contact Hours		1241	635	1538.97	
Normalized Grads		643	643	643	
Optimum Class Size		36	12	12	
Cost Per Grad		\$15,459	\$16,466	\$24,605	
System Specific Cost		\$346,272	\$368,828	\$551,143	
Total Course Cost		\$8,146,676	\$8,677,348	\$12,966,621	
System Instructors		0.92	1.41	3.39	
Total Instructors		20.37	30.43	67.90	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1		CEIEN (DRAFT)	CEIEN (CURR, OCS12)	CEIEN (CURR+OP, OCS12)
Base Course Number	243-96B10				
Scenario Description					
Scenario Number		84	85	86	
Predecessor Grads		62.30	62.30	62.30	62.30
Current Grads		527	527	527	527
New System Grads		62.30	62.30	62.30	62.30
Attrition Rate		.22	.22	.22	.22
Course Length In Hours		530	530	730	730
Instructor Contact Hours		1241	635	1388.15	1388.15
Normalized Grads		643	643	643	643
Optimum Class Size		36	12	12	12
Cost Per Grad		\$15,459	\$16,466	\$23,247	
System Specific Cost		\$963,070	\$1,025,804	\$1,448,311	
Total Course Cost		\$8,146,676	\$8,677,348	\$12,251,363	
System Instructors		2.54	3.89	8.38	
Total Instructors		20.37	30.43	61.94	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1	Base Course Number	Scenario Description	SPVEN (DRAFT)	SPVEN (CURR, OCS12)	SPVEN (CURR+OP, OCS12)
		243-96B20	Scenario Number	75	76	77
			Predecessor Grads	13.50	13.50	13.50
			Current Grads	190	190	190
			New System Grads	13.50	13.50	13.50
			Attrition Rate	.01	.01	.01
			Course Length In Hours	248	248	648
			Instructor Contact Hours	324	324	1404
			Normalized Grads	210	210	210
			Optimum Class Size	20	12	12
			Cost Per Grad	\$8,788	\$9,423	\$24,104
			System Specific Cost	\$118,638	\$127,216	\$325,401
			Total Course Cost	\$1,669,717	\$1,790,446	\$4,579,719
			System Instructors	0.21	0.34	1.48
			Total Instructors	2.87	4.75	19.68

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1				
Base Course Number	3-30-C22				
Scenario Description	SPVOF (OCT 89)		SPVOF (CURR, OCS12)		SPVOF (CURR+OP, OCS12)
Scenario Number	81		82		83
Predecessor Grads	11.40		11.40		11.40
Current Grads	644		644		644
New System Grads	11.40		11.40		11.40
Attrition Rate	.02		.02		.02
Course Length In Hours	412		412		812
Instructor Contact Hours	1210.1		1210.1		2290.1
Normalized Grads	445		445		445
Optimum Class Size	60		12		12
Cost Per Grad	\$20,091		\$24,000		\$42,585
System Specific Cost	\$229,038		\$273,605		\$485,467
Total Course Cost	\$12,938,629		\$15,456,280		\$27,424,609
System Instructors	0.22		1.09		2.06
Total Instructors	11.89		53.43		94.17

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1				
Base Course Number	3-30-C32				
Scenario Description	SPVWO (OCT 89)			SPVWO (CURR, OCS12)	SPVWO (CURR+OP, OCS12)
Scenario Number	78			79	80
Predecessor Grads	22.20			22.20	22.20
Current Grads	69			69	69
New System Grads	22.20			22.20	22.20
Attrition Rate	.01			.01	.01
Course Length In Hours	197			197	597
Instructor Contact Hours	363.5			363.5	1443.5
Normalized Grads	65			65	65
Optimum Class Size	36			12	12
Cost Per Grad	\$8,841			\$9,675	\$25,883
System Specific Cost	\$196,266			\$214,784	\$574,612
Total Course Cost	\$610,015			\$667,573	\$1,785,955
System Instructors	0.21			0.63	2.49
Total Instructors	0.65			1.96	7.62

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1	
Base Course Number	610-63B10	
Scenario Description	63B (CURR)	63B (CURR+ASAS MECH)
Scenario Number	105	106
Predecessor Grads	0.00	0.00
Current Grads	3252	3260
New System Grads	0.00	9.50
Attrition Rate	.07	.07
Course Length In Hours	442	442
Instructor Contact Hours	1959.9	1959.9
Normalized Grads	3252	3252
Optimum Class Size	50	50
Cost Per Grad	\$10,503	\$10,503
System Specific Cost	\$0	\$99,778
Total Course Cost	\$34,155,631	\$34,339,433
System Instructors	0.00	0.37
Total Instructors	101.83	102.32

--- TRAINING ALTERNATIVES ---

ALTERNATIVE	T.O.#1		
Base Course Number	662-52C10		
Scenario Description	52C (CURR)	52C (CURR+ASAS MECH)	
Scenario Number	107	108	
Predecessor Grads	0.00	0.00	
Current Grads	315	321	
New System Grads	0.00	1.30	
Attrition Rate	.04	.04	
Course Length In Hours	659	659	
Instructor Contact Hours	2954	2954	
Normalized Grads	315	315	
Optimum Class Size	21	21	
Cost Per Grad	\$20,033	\$20,033	
System Specific Cost	\$0	\$26,043	
Total Course Cost	\$6,310,427	\$6,456,669	
System Instructors	0.00	0.18	
Total Instructors	38.49	39.31	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1		
Base Course Number	662-52D10		
Scenario Description	52D (CURR)	52D (CURR+ASAS MECH)	
Scenario Number	109	110	
Predecessor Grads	0.00	0.00	
Current Grads	1635	1635	
New System Grads	0.00	0.90	
Attrition Rate	.03	.03	
Course Length In Hours	412	412	
Instructor Contact Hours	1762	1762	
Normalized Grads	643	643	
Optimum Class Size	32	32	
Cost Per Grad	\$11,855	\$11,855	
System Specific Cost	\$0	\$10,670	
Total Course Cost	\$19,383,266	\$19,393,936	
System Instructors	0.00	0.05	
Total Instructors	72.17	72.21	

-- TRAINING DELTAS --

--- TRAINING DELTAS ---

ALTERNATIVE	T.O.#1				
BASE COURSE NUMBER	1023310				
MINUEND	92				92
SUBTRAHEND	90				91
SCENARIO A	92				92
SCENARIO B	90				91
SCEN A DESC	33T (CURR+OP, OCS4)		33T (CURR, OCS4)	33T (CURR+OP, OCS4)	
SCEN B DESC	33T (CURR+NSG)		33T (CURR+NSG)	33T (CURR, OCS4)	
ATTRITION	0				0
COURSE LENGTH	320				320
OPTIMUM CLASS SIZE	-4				0
INSTR CONTACT HOURS	458				458
CURRENT GRADS	0				0
NEW SYSTEM GRADS	0				0
NORMALIZED GRADS	1				0
PREDECESSOR GRADS	0				0
COST PER GRAD	\$17,068		\$7,458		\$9,610
SYSTEM SPECIFIC COST	\$117,770		\$51,463		\$66,306
TOTAL COURSE COST	\$2,524,366		\$1,103,102		\$1,421,263
SYSTEM INSTRUCTORS	3.58		2.68		0.90
TOTAL INSTRUCTORS	57.70		43.69		14.01

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1		
BASE COURSE NUMBER	243-96B10		
MINUEND	67	68	68
SUBTRAHEND	66	66	67
SCENARIO A	67	68	68
SCENARIO B	66	66	67
SCEN A DESC	WCGEN (CURR, OCS12)	WCGEN (CURR+OP, OCS12)	WCGEN (CURR+OP, OCS12)
SCEN B DESC	WCGEN (AUG 89)	WCGEN (AUG 89)	WCGEN (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	240	240
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	-606	298.0	904.0
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$1,007	\$9,146	\$8,139
SYSTEM SPECIFIC COST	\$22,556	\$204,871	\$182,314
TOTAL COURSE COST	\$530,672	\$4,819,946	\$4,289,274
SYSTEM INSTRUCTORS	0.49	2.47	1.98
TOTAL INSTRUCTORS	10.06	47.53	37.47

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1			
BASE COURSE NUMBER	243-96B10			
MINUEND		86		86
SUBTRAHEND		84		85
SCENARIO A		86		86
SCENARIO B		84		85
SCEN A DESC			CEIEN (CURR+OP, OCS12)	
SCEN B DESC			CEIEN (CURR, OCS12)	
ATTRITION		0		0
COURSE LENGTH		0		200
OPTIMUM CLASS SIZE		-24		0
INSTR CONTACT HOURS		-606		753.2
CURRENT GRADS		0		0
NEW SYSTEM GRADS		0		0
NORMALIZED GRADS		0		0
PREDECESSOR GRADS		0		0
COST PER GRAD		\$1,007		\$6,782
SYSTEM SPECIFIC COST		\$62,734		\$422,507
TOTAL COURSE COST		\$530,672		\$3,574,015
SYSTEM INSTRUCTORS		1.35		4.49
TOTAL INSTRUCTORS		10.06		31.51

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1		
BASE COURSE NUMBER	243-96B20		
MINUEND	76	77	77
SUBTRAHEND	75	75	76
SCENARIO A	76	77	77
SCENARIO B	75	75	76
SCEN A DESC		SPVEN (CURR+OP, OCS12)	SPVEN (CURR+OP, OCS12)
SCEN B DESC		SPVEN (DRAFT)	SPVEN (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	400	400
OPTIMUM CLASS SIZE	-8	-8	0
INSTR CONTACT HOURS	0	1080	1080
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$635	\$15,316	\$14,680
SYSTEM SPECIFIC COST	\$8,578	\$206,763	\$198,185
TOTAL COURSE COST	\$120,729	\$2,910,002	\$2,789,274
SYSTEM INSTRUCTORS	0.13	1.27	1.14
TOTAL INSTRUCTORS	1.88	16.81	14.93

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1				
BASE COURSE NUMBER	3-30-C22				
MINUEND		83			83
SUBTRAHEND		81			82
SCENARIO A		83			83
SCENARIO B		81			82
SCEN A DESC			SPVOF (CURR+OP, OCS12)		SPVOF (CURR+OP, OCS12)
SCEN B DESC			SPVOF (OCT 89)		SPVOF (CURR, OCS12)
ATTRITION		0			0
COURSE LENGTH		0			400
OPTIMUM CLASS SIZE		-48			0
INSTR CONTACT HOURS		0			1080
CURRENT GRADS		0			0
NEW SYSTEM GRADS		0			0
NORMALIZED GRADS		0			0
PREDECESSOR GRADS		0			0
COST PER GRAD		\$3,909			\$18,584
SYSTEM SPECIFIC COST		\$44,567			\$211,862
TOTAL COURSE COST		\$2,517,651			\$11,968,329
SYSTEM INSTRUCTORS		0.87			0.97
TOTAL INSTRUCTORS		41.54			40.74
				\$22,494	
				\$256,429	
				\$14,485,980	
				1.84	
				82.28	

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1				
BASE COURSE NUMBER	3-30-C32				
MINUEND		79	80		
SUBTRAHEND		78	78		79
SCENARIO A		79	80		80
SCENARIO B		78	78		79
SCEN A DESC				SPVWO (CURR+OP, OCS12)	
SCEN B DESC				SPVWO (CURR, OCS12)	
ATTRITION		0	0		0
COURSE LENGTH		0	400		400
OPTIMUM CLASS SIZE		-24	-24		0
INSTR CONTACT HOURS		0	1080		1080
CURRENT GRADS		0	0		0
NEW SYSTEM GRADS		0	0		0
NORMALIZED GRADS		0	0		0
PREDECESSOR GRADS		0	0		0
COST PER GRAD		\$834	\$17,043		\$16,208
SYSTEM SPECIFIC COST		\$18,519	\$378,346		\$359,827
TOTAL COURSE COST		\$57,558	\$1,175,940		\$1,118,382
SYSTEM INSTRUCTORS		0.42	2.28		1.86
TOTAL INSTRUCTORS		1.31	6.97		5.66

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1	
BASE COURSE NUMBER	610-63B10	
MINUEND		106
SUBTRAHEND		105
SCENARIO A		106
SCENARIO B		105
SCEN A DESC	63B (CURR+ASAS MECH)	
SCEN B DESC	63B (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		8
NEW SYSTEM GRADS		9.5
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$99,778
TOTAL COURSE COST		\$183,802
SYSTEM INSTRUCTORS		0.37
TOTAL INSTRUCTORS		0.49

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1	
BASE COURSE NUMBER	662-52C10	
MINUEND		108
SUBTRAHEND		107
SCENARIO A		108
SCENARIO B		107
SCEN A DESC	52C (CURR+ASAS MECH)	
SCEN B DESC	52C (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		6
NEW SYSTEM GRADS		1.3
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$26,043
TOTAL COURSE COST		\$146,242
SYSTEM INSTRUCTORS		0.18
TOTAL INSTRUCTORS		0.82

--- TRAINING DELTAS ---

ALTERNATIVE	T.O.#1	
BASE COURSE NUMBER	662-52D10	
MINUEND		110
SUBTRAHEND		109
SCENARIO A		110
SCENARIO B		109
SCEN A DESC	52D (CURR+ASAS MECH)	
SCEN B DESC	52D (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		0
NEW SYSTEM GRADS		.9
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$10,670
TOTAL COURSE COST		\$10,670
SYSTEM INSTRUCTORS		0.05
TOTAL INSTRUCTORS		0.04

Appendix P

ASAS Block I Tradeoff #2

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS --
for Assigned Positions

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#2		61		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
25Q10	E3	1.00	1.0000	0.0000
33T	E3	1.00	1.0776	0.9383
		3.00	3.2328	2.8149
	E4	1.00	1.0263	0.3825
		4.00	4.1051	1.5300
		5.00	5.1314	1.9125
	E5	1.00	1.0286	0.3405
		2.00	2.0572	0.6811
	E6	1.00	1.0267	0.1928
	E7	1.00	1.0295	0.1395
350B	W2	1.00	1.0545	0.2392
		2.00	2.1090	0.4783
		3.00	3.1636	0.7175
		4.00	4.2181	0.9567
	W4	1.00	1.1000	0.1947
351B	W2	1.00	1.0715	0.2422
352C	W2	1.00	1.0723	0.2784
	W4	1.00	1.0746	0.2869
352G	W2	1.00	1.1250	0.1561
	W4	1.00	1.0870	0.1815
352H	W2	1.00	1.1111	0.3522
352J	W2	1.00	1.1500	0.4248
	W4	1.00	1.0000	0.1430
35A	O2	1.00	1.2082	0.6851
	O3	1.00	1.2120	0.2633
35B	O3	1.00	1.2120	0.2633
35C	O3	1.00	1.2120	0.2633
	O4	1.00	1.1382	0.2349
35D	O3	1.00	1.2120	0.2633
		2.00	2.4239	0.5266
	O4	1.00	1.1382	0.2349
	O5	1.00	1.0872	0.3050
35E	O3	1.00	1.2120	0.2633
35G	O3	1.00	1.2120	0.2633
		2.00	2.4239	0.5266
	O4	1.00	1.1382	0.2349

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#2		61		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
52C	E4	1.00	1.0297	0.4458
52D	E4	1.00	1.0235	0.3320
	E5	1.00	1.0300	0.1589
63B	E3	1.00	1.0391	0.9166
	E4	1.00	1.0254	0.3883
	E5	1.00	1.0223	0.2402
71L10	E4	1.00	1.0000	0.0000
		2.00	2.0000	0.0000
71L20	E5	1.00	1.0000	0.0000
96B10	E3	1.00	1.1414	1.0836
		2.00	2.2828	2.1672
		3.00	3.4243	3.2508
	E4	1.00	1.0280	0.6520
		2.00	2.0559	1.3039
96B20	E4	1.00	1.0280	0.6520
	E5	1.00	1.0336	0.2657
96B30	E6	1.00	1.0455	0.1754
96B40	E7	1.00	1.0535	0.1484
96B50	E8	1.00	1.1226	0.3084
96D10	E3	1.00	1.0959	0.9870
	E4	1.00	1.0541	0.6455
96D20	E5	1.00	1.0454	0.3806
96D30	E6	1.00	1.0608	0.1765
96D40	E7	1.00	1.1221	0.1831
96R40	E7	1.00	1.1282	0.3174
97B20	E5	1.00	1.0782	0.2844
97B30	E6	1.00	1.0000	0.2336
98C10	E3	1.00	1.1379	0.9446
		2.00	2.2758	1.8893
	E4	1.00	1.0389	0.5594
		2.00	2.0777	1.1189
		3.00	3.1166	1.6783

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#2		61		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
98C1L	E4	2.00	2.0777	1.1189
98C20	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
		3.00	3.1699	0.9698
	E6	1.00	1.0393	0.1444
98C2L	E4	1.00	1.0389	0.5594
	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
98C30	E6	1.00	1.0393	0.1444
98C3L	E6	1.00	1.0393	0.1444
98C40	E7	1.00	1.0621	0.1545
98C4L	E7	1.00	1.0621	0.1545
98G1L	E4	1.00	1.0431	0.7205
		2.00	2.0862	1.4409
98G2L	E5	1.00	1.0421	0.4456
98G3L	E6	1.00	1.0489	0.1712
98G4L	E7	1.00	1.0482	0.1243
98H20	E5	1.00	1.0310	0.3564
98J10	E3	1.00	1.0382	0.9051
		2.00	2.0764	1.8103
	E4	1.00	1.0245	0.4456
		2.00	2.0490	0.8912
		3.00	3.0735	1.3368
98J20	E5	1.00	1.0462	0.1522
98J30	E6	1.00	1.0669	0.1530
98J40	E7	1.00	1.0655	0.1191
98Z50	E8	1.00	1.1035	0.2897
	E9	1.00	1.1035	0.4789

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

ALTERNATIVE	ALTERN ID				
T.O.#2	61				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
MAINTAINER	UNDEF	ENLISTED	119	123.61	59.2
		Sum	119	123.61	59.2
OFFLINE	MSNSUP	OFFICER	43	50.56	11.0
		WARRANT	20	21.96	4.6
		Sum	63	72.52	15.6
	UNDEF	ENLISTED	57	57.72	2.1
		WARRANT	1	1.07	0.2
		Sum	58	58.79	2.3
OPERATOR	CCS	ENLISTED	47	49.73	23.7
		Sum	47	49.73	23.7
	CEI	ENLISTED	284	299.78	127.6
		WARRANT	24	25.87	6.7
		Sum	308	325.65	134.3
	SPV/FMR/MRA	ENLISTED	56	59.90	16.9
		OFFICER	58	69.89	19.3
		WARRANT	40	42.52	10.4
		Sum	154	172.30	46.6
	TCAC	ENLISTED	93	98.43	55.6
		Sum	93	98.43	55.6
	TSE OPER	ENLISTED	137	146.64	73.3
		OFFICER	3	3.64	0.8
		WARRANT	34	37.14	9.0
		Sum	174	187.42	83.1

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID		ALTERNATIVE			
-----		-----			
ABN CTCAE		T.O.#2			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	1	1.14	0.2
		WARRANT	2	2.24	0.5
	UNDEF	ENLISTED	2	2.00	0.0
OPERATOR	CEI	ENLISTED	24	25.39	10.8
		WARRANT	1	1.07	0.3
	SPV/FMR/MRA	ENLISTED	1	1.10	0.3
		WARRANT	2	2.14	0.6
	TCAC	ENLISTED	9	9.60	5.1
		Sum	42	44.69	17.8
ABN CTSE		T.O.#2			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	3	3.44	0.8
	UNDEF	ENLISTED	4	4.08	0.5
		WARRANT	1	1.07	0.2
OPERATOR	CCS	ENLISTED	4	4.29	2.2
	SPV/FMR/MRA	ENLISTED	4	4.41	1.4
		OFFICER	9	10.69	2.3
		WARRANT	10	10.60	2.5
	TSE OPER	ENLISTED	19	20.24	10.6
		WARRANT	1	1.05	0.2
	Sum	55	59.86	20.8	
ABN MAINT HHS		T.O.#2			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	6	6.21	2.5
		Sum	6	6.21	2.5

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
CTAE CO	T.O.#2				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
OFFLINE	MSNSUP	OFFICER	4	4.85	1.1
		WARRANT	2	2.15	0.6
	UNDEF	ENLISTED	8	8.00	0.0
OPERATOR	CEI	ENLISTED	84	87.98	36.6
		WARRANT	10	10.47	2.1
	TCAC	ENLISTED	24	25.11	13.1
		Sum		132	138.56

CTSE CO	T.O.#2				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
OFFLINE	MSNSUP	OFFICER	6	6.73	1.5
	UNDEF	ENLISTED	10	10.00	0.0
OPERATOR	CCS	ENLISTED	10	10.37	4.7
		ENLISTED	10	10.80	2.5
		OFFICER	26	31.36	6.8
		WARRANT	20	20.95	4.6
	TSE OPER	ENLISTED	42	44.90	24.1
		WARRANT	4	4.22	1.0
		Sum		128	139.33

HV CPS MAINT HHS	T.O.#2				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
MAINTAINER	UNDEF	ENLISTED	10	10.39	6.0
		Sum	10	10.39	6.0

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID		ALTERNATIVE			
-----		-----			
HV DIV HHC		T.O.#2			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	5	5.13	1.9
OFFLINE	MSNSUP	OFFICER	15	17.81	3.8
	UNDEF	ENLISTED	15	15.64	1.6
OPERATOR	CCS	ENLISTED	15	15.67	7.2
	SPV/FMR/MRA	ENLISTED	15	15.74	4.6
		OFFICER	20	24.20	9.5
		WARRANT	5	5.37	1.4
	TSE OPER	ENLISTED	55	59.14	30.5
		WARRANT	20	22.12	5.5
		Sum	165	180.82	66.1
HV DIV MI BN		T.O.#2			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	65	67.51	30.6
OFFLINE	MSNSUP	OFFICER	5	5.69	1.2
		WARRANT	10	10.99	2.2
	UNDEF	ENLISTED	15	15.00	0.0
OPERATOR	CEI	ENLISTED	125	132.38	54.4
		WARRANT	10	11.11	3.5
	SPV/FMR/MRA	ENLISTED	5	5.52	2.4
	TCAC	ENLISTED	60	63.72	37.5
		Sum	295	311.92	131.8

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID ALTERNATIVE

LT DIV HHC T.O.#2

POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	3	3.12	2.7
OFFLINE	MSNSUP	OFFICER	6	7.27	1.6
OPERATOR	CCS	ENLISTED	6	6.29	1.4
		SPV/FMR/MRA	12	12.77	4.1
		OFFICER	3	3.64	0.8
	TSE OPER	ENLISTED	21	22.37	8.0
		OFFICER	3	3.64	0.8
		WARRANT	9	9.75	2.3
		Sum	63	68.83	21.7

LT DIV MI BN T.O.#2

POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	30	31.25	15.4
OFFLINE	MSNSUP	OFFICER	3	3.64	0.8
		WARRANT	6	6.59	1.3
	UNDEF	ENLISTED	3	3.00	0.0
OPERATOR	CCS	ENLISTED	12	13.11	8.3
	CEI	ENLISTED	51	54.03	25.8
		WARRANT	3	3.22	0.8
	SPV/FMR/MRA	ENLISTED	9	9.57	1.7
		WARRANT	3	3.45	1.3
		Sum	120	127.86	55.3

-- ALL MOS(s) SORTED BY POSITIONS, GRADES AND UTOE --
SUMMARIZED BY FORCE

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
25Q10	OFFLINE	E3	2	2.0	0.0	CTSE CO
			2	2.0	0.0	
33T	MAINTAINER	E3	1	1.1	0.9	ABN MAINT HHS
			2	2.2	1.9	HV CPS MAINT HHS
			15	16.2	14.1	HV DIV MI BN
			9	9.7	8.4	LT DIV MI BN
			27	29.1	25.3	
		E4	1	1.0	0.4	ABN MAINT HHS
			2	2.1	0.8	HV CPS MAINT HHS
			25	25.7	9.6	HV DIV MI BN
			12	12.3	4.6	LT DIV MI BN
			40	41.1	15.3	
		E5	1	1.0	0.3	ABN MAINT HHS
			10	10.3	3.4	HV DIV MI BN
			3	3.1	1.0	LT DIV MI BN
			14	14.4	4.8	
		E6	5	5.1	1.0	HV DIV MI BN
			3	3.1	0.6	LT DIV MI BN
			8	8.2	1.5	
		E7	5	5.1	0.7	HV DIV MI BN
			5	5.1	0.7	
350B	OPERATOR	W2	8	8.4	1.9	ABN CTSE
			16	16.9	3.8	CTSE CO
			24	25.3	5.7	
		W4	10	11.0	1.9	HV DIV HHC
			3	3.3	0.6	LT DIV HHC
			13	14.3	2.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
351B	OFFLINE	W2	1	1.1	0.2	ABN CTSE
			1	1.1	0.2	
352C	OFFLINE	W2	5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
			8	8.6	2.2	
		W4	2	2.1	0.6	CTAE CO
			2	2.1	0.6	
	OPERATOR	W2	3	3.2	0.8	ABN CTCAE
			3	3.2	0.8	ABN CTSE
			5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
			14	15.0	3.9	
		W4	4	4.3	1.1	CTAE CO
			4	4.3	1.1	CTSE CO
			10	10.7	2.9	HV DIV HHC
			6	6.4	1.7	LT DIV HHC
			24	25.8	6.9	
352G	OFFLINE	W2	1	1.1	0.2	ABN CTCAE
			5	5.6	0.8	HV DIV MI BN
			3	3.4	0.5	LT DIV MI BN
			9	10.1	1.4	
	OPERATOR	W4	2	2.2	0.4	CTAE CO
			2	2.2	0.4	
352H	OFFLINE	W2	1	1.1	0.4	ABN CTCAE
			1	1.1	0.4	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
352J	OPERATOR	W2	5	5.7	2.1	HV DIV HHC
			5	5.7	2.1	HV DIV MI BN
			3	3.4	1.3	LT DIV MI BN
			-----	-----	-----	
			13	14.9	5.5	
		W4	4	4.0	0.6	CTAE CO
			4	4.0	0.6	CTSE CO
			-----	-----	-----	
			8	8.0	1.1	
35A	OFFLINE	03	3	3.6	0.8	LT DIV HHC
			-----	-----	-----	
			3	3.6	0.8	
	OPERATOR	02	10	12.1	6.9	HV DIV HHC
			-----	-----	-----	
			10	12.1	6.9	
35B	OPERATOR	03	2	2.4	0.5	CTSE CO
			-----	-----	-----	
			2	2.4	0.5	
35C	OFFLINE	03	5	6.1	1.3	HV DIV HHC
			-----	-----	-----	
			5	6.1	1.3	
	OPERATOR	03	1	1.2	0.3	ABN CTSE
			4	4.8	1.1	CTSE CO
			3	3.6	0.8	LT DIV HHC
			-----	-----	-----	
			8	9.7	2.1	
		04	1	1.1	0.2	ABN CTSE
			-----	-----	-----	
			1	1.1	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
35D	OFFLINE	03	1	1.2	0.3	ABN CTSE
			4	4.8	1.1	CTAE CO
			3	3.6	0.8	LT DIV HHC
			8	9.7	2.1	
		04	1	1.1	0.2	ABN CTSE
			2	2.3	0.5	CTSE CO
			5	5.7	1.2	HV DIV HHC
			8	9.1	1.9	
		05	1	1.1	0.3	ABN CTSE
			2	2.2	0.6	CTSE CO
			3	3.3	0.9	
	OPERATOR	03	4	4.8	1.1	ABN CTSE
			6	7.3	1.6	CTSE CO
			5	6.1	1.3	HV DIV HHC
			15	18.2	3.9	
		04	2	2.3	0.5	ABN CTSE
			2	2.3	0.5	CTSE CO
			4	4.6	0.9	
35E	OPERATOR	03	2	2.4	0.5	CTSE CO
			2	2.4	0.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
35G	OFFLINE	O3	5	6.1	1.3	HV DIV HHC
			3	3.6	0.8	LT DIV MI BN
			-----	-----	-----	
			8	9.7	2.1	
		O4	1	1.1	0.2	ABN CTCAE
			2	2.3	0.5	CTSE CO
			5	5.7	1.2	HV DIV MI BN
			-----	-----	-----	
			8	9.1	1.9	
	OPERATOR	O3	1	1.2	0.3	ABN CTSE
			10	12.1	2.6	CTSE CO
			5	6.1	1.3	HV DIV HHC
			3	3.6	0.8	LT DIV HHC
			-----	-----	-----	
			19	23.0	5.0	
52C	MAINTAINER	E4	1	1.0	0.4	ABN MAINT HHS
			2	2.1	0.9	HV CPS MAINT HHS
			-----	-----	-----	
			3	3.1	1.3	
52D	MAINTAINER	E4	2	2.0	0.7	HV CPS MAINT HHS
			-----	-----	-----	
			2	2.0	0.7	
		E5	1	1.0	0.2	ABN MAINT HHS
			-----	-----	-----	
			1	1.0	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
63B	MAINTAINER	E3	2	2.1	1.8	HV CPS MAINT HHS
			3	3.1	2.7	LT DIV HHC
			5	5.2	4.6	
		E4	5	5.1	1.9	HV DIV HHC
			5	5.1	1.9	HV DIV MI BN
			10	10.3	3.9	
		E5	1	1.0	0.2	ABN MAINT HHS
			3	3.1	0.7	LT DIV MI BN
			4	4.1	1.0	
71L10	OFFLINE	E4	2	2.0	0.0	ABN CTCAE
			2	2.0	0.0	ABN CTSE
			8	8.0	0.0	CTAE CO
			6	6.0	0.0	CTSE CO
			10	10.0	0.0	HV DIV HHC
			15	15.0	0.0	HV DIV MI BN
			3	3.0	0.0	LT DIV MI BN
			46	46.0	0.0	
71L20	OFFLINE	E5	2	2.0	0.0	CTSE CO
			2	2.0	0.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
96B10	OPERATOR	E3	4	4.6	4.3	ABN CTSE
			12	13.7	13.0	CTSE CO
			15	17.1	16.3	HV DIV HHC
			5	5.7	5.4	HV DIV MI BN
			3	3.4	3.3	LT DIV HHC
			-----	-----	-----	
			39	44.5	42.3	
		E4	3	3.1	2.0	ABN CTSE
			4	4.1	2.6	CTAE CO
			10	10.3	6.5	CTSE CO
			15	15.4	9.8	HV DIV HHC
			5	5.1	3.3	HV DIV MI BN
			6	6.2	3.9	LT DIV HHC
			3	3.1	2.0	LT DIV MI BN
			-----	-----	-----	
			46	47.3	30.0	
96B20	OPERATOR	E4	5	5.1	3.3	HV DIV HHC
			-----	-----	-----	
			5	5.1	3.3	
		E5	3	3.1	0.8	ABN CTSE
			4	4.1	1.1	CTAE CO
			6	6.2	1.6	CTSE CO
			5	5.2	1.3	HV DIV HHC
			5	5.2	1.3	HV DIV MI BN
			6	6.2	1.6	LT DIV HHC
			3	3.1	0.8	LT DIV MI BN
			-----	-----	-----	
			32	33.1	8.5	
96B30	OPERATOR	E6	1	1.0	0.2	ABN CTSE
			4	4.2	0.7	CTSE CO
			5	5.2	0.9	HV DIV HHC
			6	6.3	1.1	LT DIV HHC
			-----	-----	-----	
			16	16.7	2.8	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
96B40	OPERATOR	E7	1	1.1	0.1	ABN CTSE
			10	10.5	1.5	HV DIV HHC
			5	5.3	0.7	HV DIV MI BN
			16	16.9	2.4	
96B50	OPERATOR	E8	2	2.2	0.6	ABN CTSE
			2	2.2	0.6	CTSE CO
			4	4.5	1.2	
96D10	OPERATOR	E3	1	1.1	1.0	ABN CTSE
			2	2.2	2.0	CTAE CO
			3	3.3	3.0	
		E4	4	4.2	2.6	CTAE CO
			4	4.2	2.6	
96D20	OPERATOR	E5	2	2.1	0.8	ABN CTSE
			2	2.1	0.8	CTAE CO
			2	2.1	0.8	CTSE CO
			6	6.3	2.3	
96D30	OPERATOR	E6	1	1.1	0.2	ABN CTSE
			2	2.1	0.4	CTSE CO
			3	3.2	0.5	
96D40	OPERATOR	E7	5	5.6	0.9	HV DIV HHC
			3	3.4	0.5	LT DIV HHC
			8	9.0	1.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID					
T.O.#2			61			
MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
96R40	OFFLINE	E7	5	5.6	1.6	HV DIV HHC
			5	5.6	1.6	
	OPERATOR	E7	3	3.4	1.0	LT DIV HHC
			3	3.4	1.0	
97B20	OFFLINE	E5	1	1.1	0.3	ABN CTSE
			1	1.1	0.3	
97B30	OFFLINE	E6	1	1.0	0.2	ABN CTSE
			1	1.0	0.2	
98C10	OPERATOR	E3	5	5.7	4.7	ABN CTCAE
			1	1.1	0.9	ABN CTSE
			4	4.6	3.8	CTAE CO
			30	34.1	28.3	HV DIV MI BN
			15	17.1	14.2	LT DIV MI BN
			55	62.6	52.0	
		E4	7	7.3	3.9	ABN CTCAE
			3	3.1	1.7	ABN CTSE
			16	16.6	9.0	CTAE CO
			4	4.2	2.2	CTSE CO
			10	10.4	5.6	HV DIV HHC
			25	26.0	14.0	HV DIV MI BN
			12	12.5	6.7	LT DIV MI BN
			77	80.0	43.1	
98C1L	OPERATOR	E4	8	8.3	4.5	CTAE CO
			8	8.3	4.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98C20	OPERATOR	E5	9	9.5	2.9	ABN CTCAE
			3	3.2	1.0	ABN CTSE
			5	5.3	1.6	HV DIV HHC
			25	26.4	8.1	HV DIV MI BN
			3	3.2	1.0	LT DIV HHC
			3	3.2	1.0	LT DIV MI BN
			48	50.7	15.5	
		E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	
98C2L	OPERATOR	E4	2	2.1	1.1	CTAE CO
			2	2.1	1.1	
		E5	12	12.7	3.9	CTAE CO
			4	4.2	1.3	CTSE CO
			6	6.3	1.9	LT DIV MI BN
			22	23.2	7.1	
98C30	OPERATOR	E6	1	1.0	0.1	ABN CTCAE
			5	5.2	0.7	HV DIV MI BN
			6	6.2	0.9	LT DIV HHC
			3	3.1	0.4	LT DIV MI BN
			15	15.6	2.2	
98C3L	OPERATOR	E6	2	2.1	0.3	ABN CTCAE
			6	6.2	0.9	CTAE CO
			2	2.1	0.3	CTSE CO
			10	10.4	1.4	HV DIV MI BN
			3	3.1	0.4	LT DIV MI BN
			23	23.9	3.3	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98C40	OPERATOR	E7	1	1.1	0.2	ABN CTCAE
			1	1.1	0.2	ABN CTSE
			2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			5	5.3	0.8	HV DIV MI BN
			-----	-----	-----	
			11	11.7	1.7	
98C4L	OPERATOR	E7	2	2.1	0.3	CTAE CO
			-----	-----	-----	
			2	2.1	0.3	
98G1L	OPERATOR	E4	3	3.1	2.2	ABN CTCAE
			5	5.2	3.6	HV DIV MI BN
			3	3.1	2.2	LT DIV MI BN
			-----	-----	-----	
			11	11.5	7.9	
98G2L	OPERATOR	E5	2	2.1	0.9	ABN CTCAE
			10	10.4	4.5	HV DIV MI BN
			6	6.3	2.7	LT DIV MI BN
			-----	-----	-----	
			18	18.8	8.0	
98G3L	OPERATOR	E6	2	2.1	0.3	ABN CTCAE
			-----	-----	-----	
			2	2.1	0.3	
98G4L	OPERATOR	E7	3	3.1	0.4	LT DIV MI BN
			-----	-----	-----	
			3	3.1	0.4	
98H20	OPERATOR	E5	1	1.0	0.4	ABN CTCAE
			5	5.2	1.8	HV DIV MI BN
			-----	-----	-----	
			6	6.2	2.1	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98J10	OPERATOR	E3	8	8.3	7.2	CTAE CO
			5	5.2	4.5	HV DIV MI BN
			13	13.5	11.8	
		E4	16	16.4	7.1	CTAE CO
			4	4.1	1.8	CTSE CO
			25	25.6	11.1	HV DIV MI BN
			3	3.1	1.3	LT DIV MI BN
			48	49.2	21.4	
98J20	OPERATOR	E5	8	8.4	1.2	CTAE CO
			2	2.1	0.3	CTSE CO
			10	10.5	1.5	HV DIV MI BN
			3	3.1	0.5	LT DIV MI BN
			23	24.1	3.5	
98J30	OPERATOR	E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			5	5.3	0.8	HV DIV MI BN
			3	3.2	0.5	LT DIV MI BN
			12	12.8	1.8	
98J40	OPERATOR	E7	2	2.1	0.2	CTAE CO
			2	2.1	0.2	CTSE CO
			10	10.7	1.2	HV DIV HHC
			3	3.2	0.4	LT DIV HHC
			17	18.1	2.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98Z50	OPERATOR	E8	1	1.1	0.3	ABN CTCAE
			2	2.2	0.6	CTAE CO
			3	3.3	0.9	LT DIV MI BN
			6	6.6	1.7	
		E9	1	1.1	0.5	ABN CTSE
			2	2.2	1.0	CTSE CO
			5	5.5	2.4	HV DIV MI BN
			8	8.8	3.8	

-- TRAINING ALTERNATIVES --

-- TRAINING ALTERNATIVES --

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2			
Base Course Number	1023310			
Scenario Description	33T (CURR+NSG)	33T (CURR, OCS4)	33T (CURR+OP, OCS4)	
Scenario Number	90	91	92	
Predecessor Grads	0.00	0.00	0.00	
Current Grads	141	141	141	
New System Grads	47.70	47.70	47.70	
Attrition Rate	.21	.21	.21	
Course length In Hours	1413	1413	1733	
Instructor Contact Hours	2705	2705	3163	
Normalized Grads	122	123	123	
Optimum Class Size	8	4	4	
Cost Per Grad	\$91,946	\$99,404	\$109,014	
System Specific Cost	\$4,385,802	\$4,741,569	\$5,199,949	
Total Course Cost	\$17,350,123	\$18,757,530	\$20,570,866	
System Instructors	17.98	34.40	39.70	
Total Instructors	63.78	117.66	135.03	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2	Base Course Number	WCGEN (AUG 89)	WCGEN (CURR, OCS12)	WCGEN (CURR+OP, OCS12)
Scenario Description					
Scenario Number			66	67	68
Predecessor Grads			87.60	87.60	87.60
Current Grads			527	527	527
New System Grads			87.60	87.60	87.60
Attrition Rate			.22	.22	.22
Course Length In Hours			530	530	770
Instructor Contact Hours			1241	635	1538.97
Normalized Grads			643	643	643
Optimum Class Size			36	12	12
Cost Per Grad			\$15,459	\$16,466	\$24,605
System Specific Cost			\$1,354,172	\$1,442,383	\$2,155,362
Total Course Cost			\$8,146,676	\$8,677,348	\$12,966,621
System Instructors			3.57	5.44	12.88
Total Instructors			20.37	30.43	67.90

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2		CEIEN (DRAFT)	CEIEN (CURR, OCS12)	CEIEN (CURR+OP, OCS12)
Base Course Number	243-96B10				
Scenario Description					
Scenario Number		84		85	86
Predecessor Grads		182.20		182.20	182.20
Current Grads		527		527	527
New System Grads		182.20		182.20	182.20
Attrition Rate		.22		.22	.22
Course Length In Hours		530		530	730
Instructor Contact Hours		1241		635	1388.15
Normalized Grads		643		643	643
Optimum Class Size		36		12	12
Cost Per Grad		\$15,459		\$16,466	\$23,247
System Specific Cost		\$2,816,555		\$3,000,024	\$4,235,670
Total Course Cost		\$8,146,676		\$8,677,348	\$12,251,363
System Instructors		7.33		11.12	23.43
Total Instructors		20.37		30.43	61.94

--- TRAINING ALTERNATIVES ---

ALTERNATIVE	T.O.#2	Base Course Number	243-96B20	SPVEN (DRAFT)	SPVEN (CURR, OCS12)	SPVEN (CURR+OP, OCS12)
Scenario Description						
Scenario Number			75	76		77
Predecessor Grads			27.50	27.50		27.50
Current Grads			190	190		190
New System Grads			27.50	27.50		27.50
Attrition Rate			.01	.01		.01
Course Length In Hours			248	248		648
Instructor Contact Hours			324	324		1404
Normalized Grads			210	210		210
Optimum Class Size			20	12		12
Cost Per Grad			\$8,788	\$9,423		\$24,104
System Specific Cost			\$241,670	\$259,143		\$662,854
Total Course Cost			\$1,669,717	\$1,790,446		\$4,579,719
System Instructors			0.42	0.70		3.00
Total Instructors			2.87	4.75		19.68

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2				
Base Course Number	3-30-C22				
Scenario Description	SPVOF (OCT 89)		SPVOF (CURR, OCS12)		SPVOF (CURR+OP, OCS12)
Scenario Number	81		82		83
Predecessor Grads	31.20		31.20		31.20
Current Grads	644		644		644
New System Grads	31.20		31.20		31.20
Attrition Rate	.02		.02		.02
Course Length In Hours	412		412		812
Instructor Contact Hours	1210.1		1210.1		2290.1
Normalized Grads	445		445		445
Optimum Class Size	60		12		12
Cost Per Grad	\$20,091		\$24,000		\$42,585
System Specific Cost	\$626,840		\$748,814		\$1,328,646
Total Course Cost	\$12,938,629		\$15,456,280		\$27,424,609
System Instructors	0.60		2.96		5.56
Total Instructors	11.89		53.43		94.17

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2			
Base Course Number	3-30-C32			
Scenario Description	SPVWO (OCT 89)		SPVWO (CURR, OCS12)	SPVWO (CURR+OP, OCS12)
Scenario Number	78		79	80
Predecessor Grads	30.80		30.80	30.80
Current Grads	69		69	69
New System Grads	30.80		30.80	30.80
Attrition Rate	.01		.01	.01
Course Length In Hours	197		197	597
Instructor Contact Hours	363.5		363.5	1443.5
Normalized Grads	65		65	65
Optimum Class Size	36		12	12
Cost Per Grad	\$8,841		\$9,675	\$25,883
System Specific Cost	\$272,296		\$297,989	\$797,209
Total Course Cost	\$610,015		\$667,573	\$1,785,955
System Instructors	0.29		0.88	3.45
Total Instructors	0.65		1.96	7.62

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2	
Base Course Number	610-63B10	
Scenario Description	63B (CURR)	63B (CURR+ASAS MECH)
Scenario Number	105	106
Predecessor Grads	0.00	0.00
Current Grads	3252	3260
New System Grads	0.00	9.50
Attrition Rate	.07	.07
Course Length In Hours	442	442
Instructor Contact Hours	1959.9	1959.9
Normalized Grads	3252	3252
Optimum Class Size	50	50
Cost Per Grad	\$10,503	\$10,503
System Specific Cost	\$0	\$99,778
Total Course Cost	\$34,155,631	\$34,339,433
System Instructors	0.00	0.37
Total Instructors	101.83	102.32

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2	
Base Course Number	662-52C10	
Scenario Description	52C (CURR)	52C (CURR+ASAS MECH)
Scenario Number	107	108
Predecessor Grads	0.00	0.00
Current Grads	315	321
New System Grads	0.00	1.30
Attrition Rate	.04	.04
Course Length In Houzs	659	659
Instructor Contact Hours	2954	2954
Normalized Grads	315	315
Optimum Class Size	21	21
Cost Per Grad	\$20,033	\$20,033
System Specific Cost	\$0	\$26,043
Total Course Cost	\$6,310,427	\$6,456,669
System Instructors	0.00	0.18
Total Instructors	38.49	39.31

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2		
Base Course Number	662-52D10		
Scenario Description	52D (CURR)	52D (CURR+ASAS MECH)	
Scenario Number	109	110	
Predecessor Grads	0.00	0.00	
Current Grads	1635	1635	
New System Grads	0.00	0.90	
Attrition Rate	.03	.03	
Course Length In Hours	412	412	
Instructor Contact Hours	1762	1762	
Normalized Grads	643	643	
Optimum Class Size	32	32	
Cost Per Grad	\$11,855	\$11,855	
System Specific Cost	\$0	\$10,670	
Total Course Cost	\$19,383,266	\$19,393,936	
System Instructors	0.00	0.05	
Total Instructors	72.17	72.21	

-- TRAINING DELTAS --

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2				
BASE COURSE NUMBER	1023310				
MINUEND		92		91	92
SUBTRAHEND		90		90	91
SCENARIO A		92		91	92
SCENARIO B		90		90	91
SCEN A DESC	33T (CURR+OP, OCS4)				33T (CURR+OP, OCS4)
SCEN B DESC	33T (CURR+NSG)				33T (CURR, OCS4)
ATTRITION		0		0	33T (CURR, OCS4)
COURSE LENGTH		320		0	
OPTIMUM CLASS SIZE		-4		-4	
INSTR CONTACT HOURS		458		0	458
CURRENT GRADS		0		0	0
NEW SYSTEM GRADS		0		0	0
NORMALIZED GRADS		1		1	0
PREDECESSOR GRADS		0		0	0
COST PER GRAD					
SYSTEM SPECIFIC COST	\$17,068			\$7,458	\$9,610
TOTAL COURSE COST	\$814,146			\$355,767	\$458,379
SYSTEM INSTRUCTORS	\$3,220,743			\$1,407,407	\$1,813,336
TOTAL INSTRUCTORS	21.72			16.42	5.30
	71.25			53.88	17.37

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2						
BASE COURSE NUMBER	243-96B10						
MINUEND		67					68
SUBTRAHEND		66					67
SCENARIO A		67					68
SCENARIO B		66					67
SCEN A DESC			WCGEN (CURR, OCS12)				WCGEN (CURR+OP, OCS12)
SCEN B DESC			WCGEN (AUG 89)				WCGEN (CURR, OCS12)
ATTRITION		0					0
COURSE LENGTH		0					240
OPTIMUM CLASS SIZE		-24					0
INSTR CONTACT HOURS		-606					904.0
CURRENT GRADS		0					0
NEW SYSTEM GRADS		0					0
NORMALIZED GRADS		0					0
PREDECESSOR GRADS		0					0
COST PER GRAD		\$1,007					\$8,139
SYSTEM SPECIFIC COST		\$88,210					\$712,980
TOTAL COURSE COST		\$530,672					\$4,289,274
SYSTEM INSTRUCTORS		1.87					7.44
TOTAL INSTRUCTORS		10.06					37.47

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2			
BASE COURSE NUMBER	243-96B10			
MINUEND	85	86		86
SUBTRAHEND	84	84		85
SCENARIO A	85	86		86
SCENARIO B	84	84		85
SCEN A DESC		CEIEN (CURR+OP, OCS12)		CEIEN (CURR+OP, OCS12)
SCEN B DESC		CEIEN (DRAFT)		CEIEN (CURR, OCS12)
ATTRITION	0			0
COURSE LENGTH	0			200
OPTIMUM CLASS SIZE	-24			0
INSTR CONTACT HOURS	-606	147.2		753.2
CURRENT GRADS	0	0		0
NEW SYSTEM GRADS	0	0		0
NORMALIZED GRADS	0	0		0
PREDECESSOR GRADS	0	0		0
COST PER GRAD	\$1,007	\$7,789		\$6,782
SYSTEM SPECIFIC COST	\$183,470	\$1,419,116		\$1,235,646
TOTAL COURSE COST	\$530,672	\$4,104,687		\$3,574,015
SYSTEM INSTRUCTORS	3.79	16.10		12.31
TOTAL INSTRUCTORS	10.06	41.57		31.51

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2		
BASE COURSE NUMBER	243-96B20		
MINUEND	76	77	77
SUBTRAHEND	75	75	76
SCENARIO A	76	77	77
SCENARIO B	75	75	76
SCEN A DESC		SPVEN (CURR+OP, OCS12)	SPVEN (CURR+OP, OCS12)
SCEN B DESC		SPVEN (DRAFT)	SPVEN (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	400	400
OPTIMUM CLASS SIZE	-8	-8	0
INSTR CONTACT HOURS	0	1080	1080
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$635	\$15,316	\$14,680
SYSTEM SPECIFIC COST	\$17,474	\$421,185	\$403,711
TOTAL COURSE COST	\$120,729	\$2,910,002	\$2,789,274
SYSTEM INSTRUCTORS	0.28	2.58	2.30
TOTAL INSTRUCTORS	1.88	16.81	14.93

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2			
BASE COURSE NUMBER	3-30-C22			
MINUEND	82			83
SUBTRAHEND	81			82
SCENARIO A	82			83
SCENARIO B	81			82
SCEN A DESC		SPVOF (CURR, OCS12)		SPVOF (CURR+OP, OCS12)
SCEN B DESC		SPVOF (OCT 89)		SPVOF (CURR, OCS12)
ATTRITION	0		0	0
COURSE LENGTH	0		400	400
OPTIMUM CLASS SIZE	-48		-48	0
INSTR CONTACT HOURS	0		1080	1080
CURRENT GRADS	0		0	0
NEW SYSTEM GRADS	0		0	0
NORMALIZED GRADS	0		0	0
PREDECESSOR GRADS	0		0	0
COST PER GRAD	\$3,909		\$22,494	\$18,584
SYSTEM SPECIFIC COST	\$121,973		\$701,805	\$579,832
TOTAL COURSE COST	\$2,517,651		\$14,485,980	\$11,968,329
SYSTEM INSTRUCTORS	2.36		4.96	2.60
TOTAL INSTRUCTORS	41.54		82.28	40.74

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2			
BASE COURSE NUMBER	3-30-C32			
MINUEND	79			80
SUBTRAHEND	78			79
SCENARIO A	79			80
SCENARIO B	78			79
SCEN A DESC		SPVWO (CURR, OCS12)		SPVWO (CURR+OP, OCS12)
SCEN B DESC		SPVWO (OCT 89)		SPVWO (CURR, OCS12)
ATTRITION	0			0
COURSE LENGTH	0			400
OPTIMUM CLASS SIZE	-24			0
INSTR CONTACT HOURS	0			1080
CURRENT GRADS	0			0
NEW SYSTEM GRADS	0			0
NORMALIZED GRADS	0			0
PREDECESSOR GRADS	0			0
COST PER GRAD	\$834			\$16,208
SYSTEM SPECIFIC COST	\$25,693			\$499,220
TOTAL COURSE COST	\$57,558			\$1,118,382
SYSTEM INSTRUCTORS	0.59			2.57
TOTAL INSTRUCTORS	1.31			5.66

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2	
BASE COURSE NUMBER	610-63B10	
MINUEND		106
SUBTRAHEND		105
SCENARIO A		106
SCENARIO B		105
SCEN A DESC	63B (CURR+ASAS MECH)	
SCEN B DESC	63B (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		8
NEW SYSTEM GRADS		9.5
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$99,778
TOTAL COURSE COST		\$183,802
SYSTEM INSTRUCTORS		0.37
TOTAL INSTRUCTORS		0.49

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2	
BASE COURSE NUMBER	662-52C10	
MINUEND		108
SUBTRAHEND		107
SCENARIO A		108
SCENARIO B		107
SCEN A DESC	52C (CURR+ASAS MECH)	
SCEN B DESC	52C (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		6
NEW SYSTEM GRADS		1.3
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$26,043
TOTAL COURSE COST		\$146,242
SYSTEM INSTRUCTORS		0.18
TOTAL INSTRUCTORS		0.82

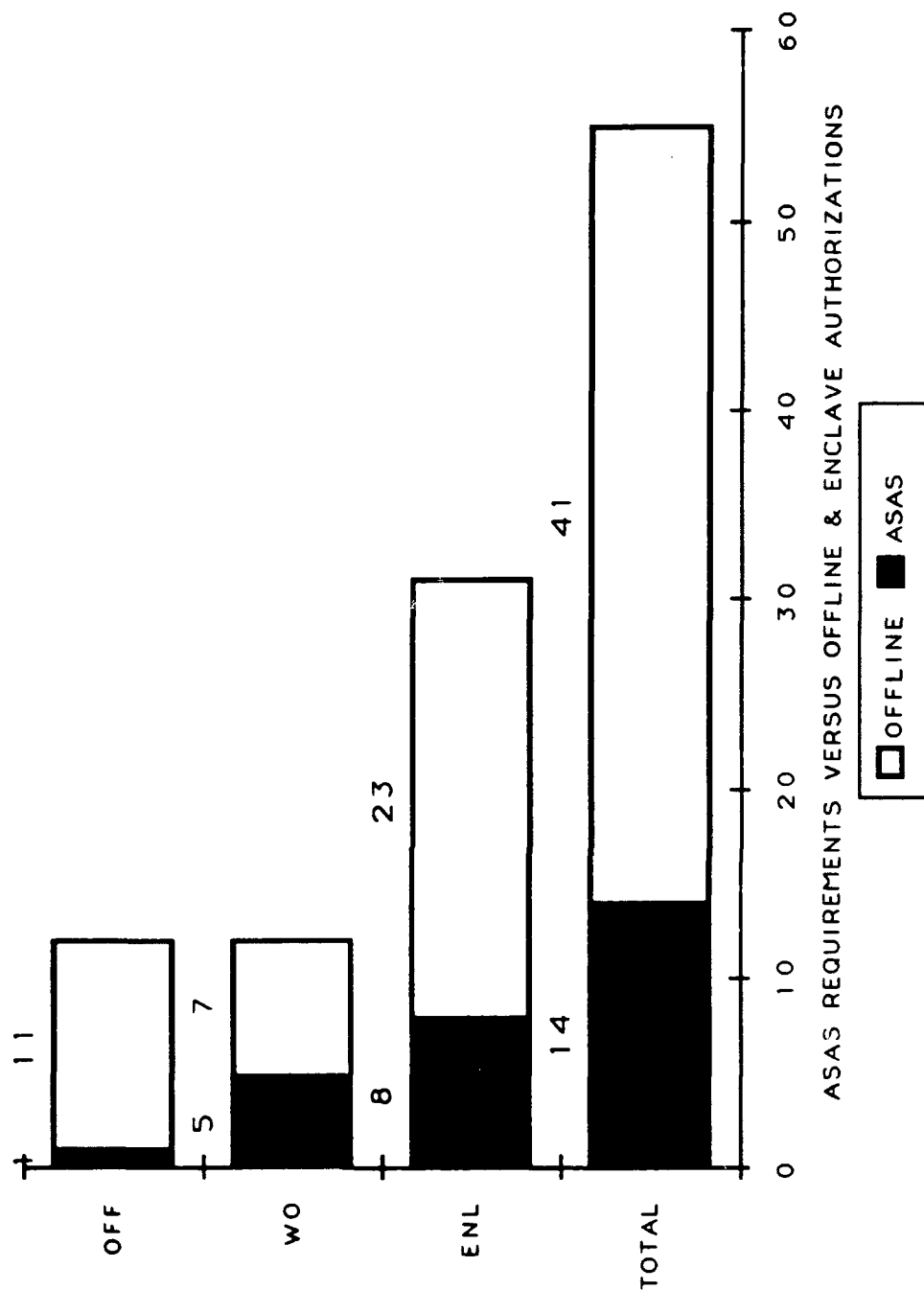
-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2	
BASE COURSE NUMBER	662-52D10	
MINUEND		110
SUBTRAHEND		109
SCENARIO A		110
SCENARIO B		109
SCEN A DESC	52D (CURR+ASAS MECH)	
SCEN B DESC	52D (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		0
NEW SYSTEM GRADS		.9
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$10,670
TOTAL COURSE COST		\$10,670
SYSTEM INSTRUCTORS		0.05
TOTAL INSTRUCTORS		0.04

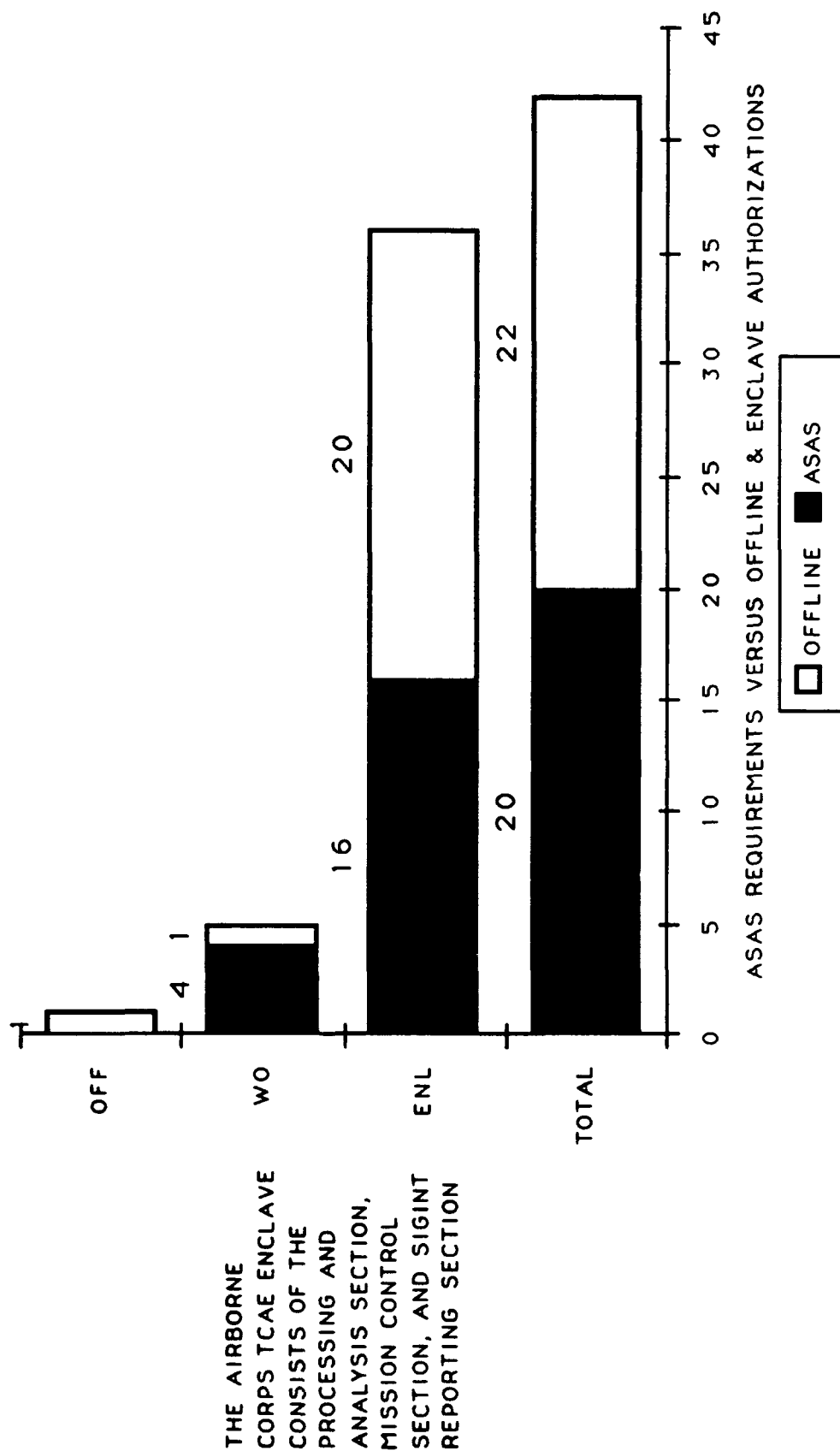
Appendix Q

Additional Manpower/Personnel Impacts Figures
(Section 6)

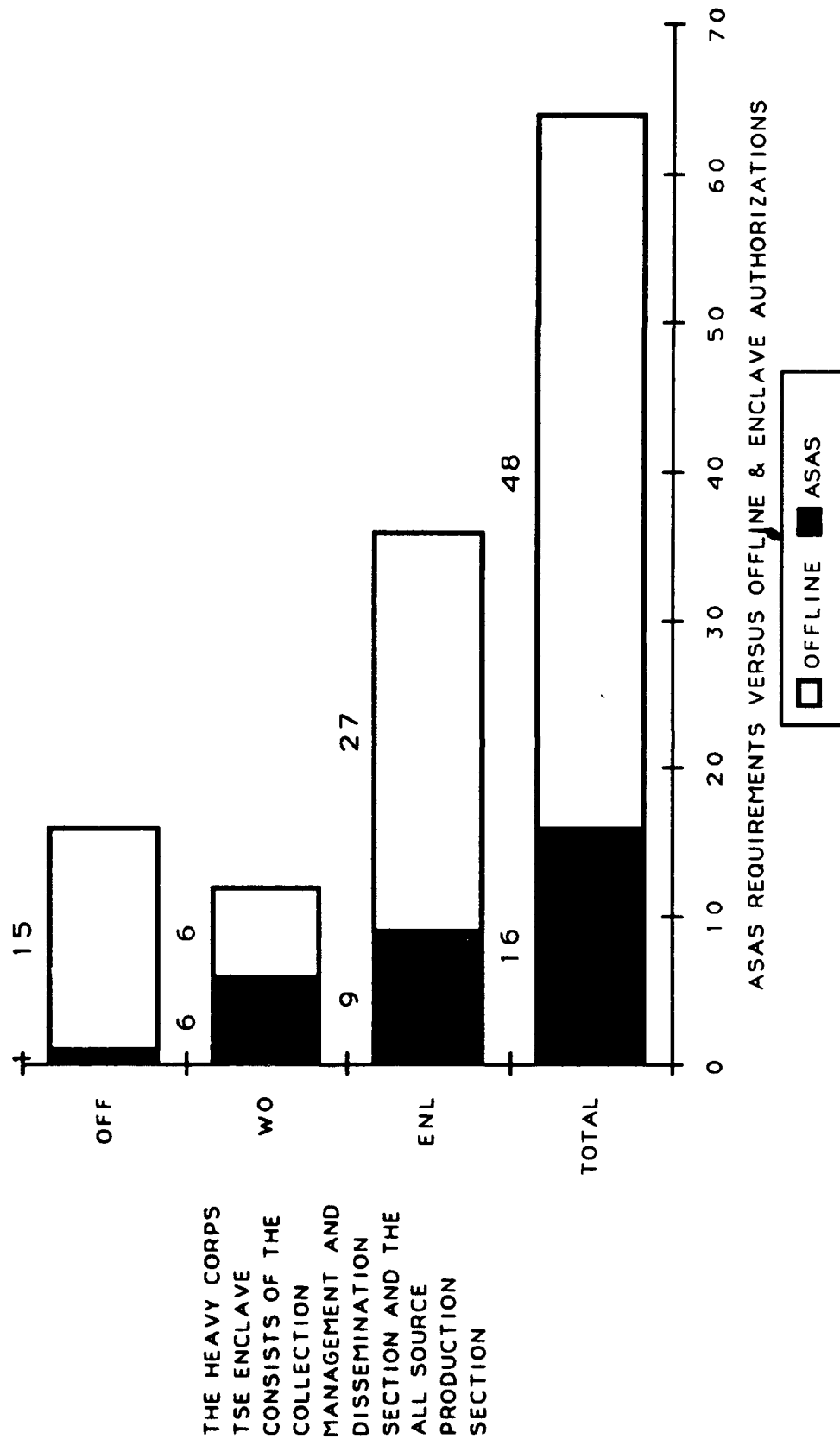
ENCLAVE MANPOWER IMPACTS AIRBORNE CORPS TSE ENCLAVE



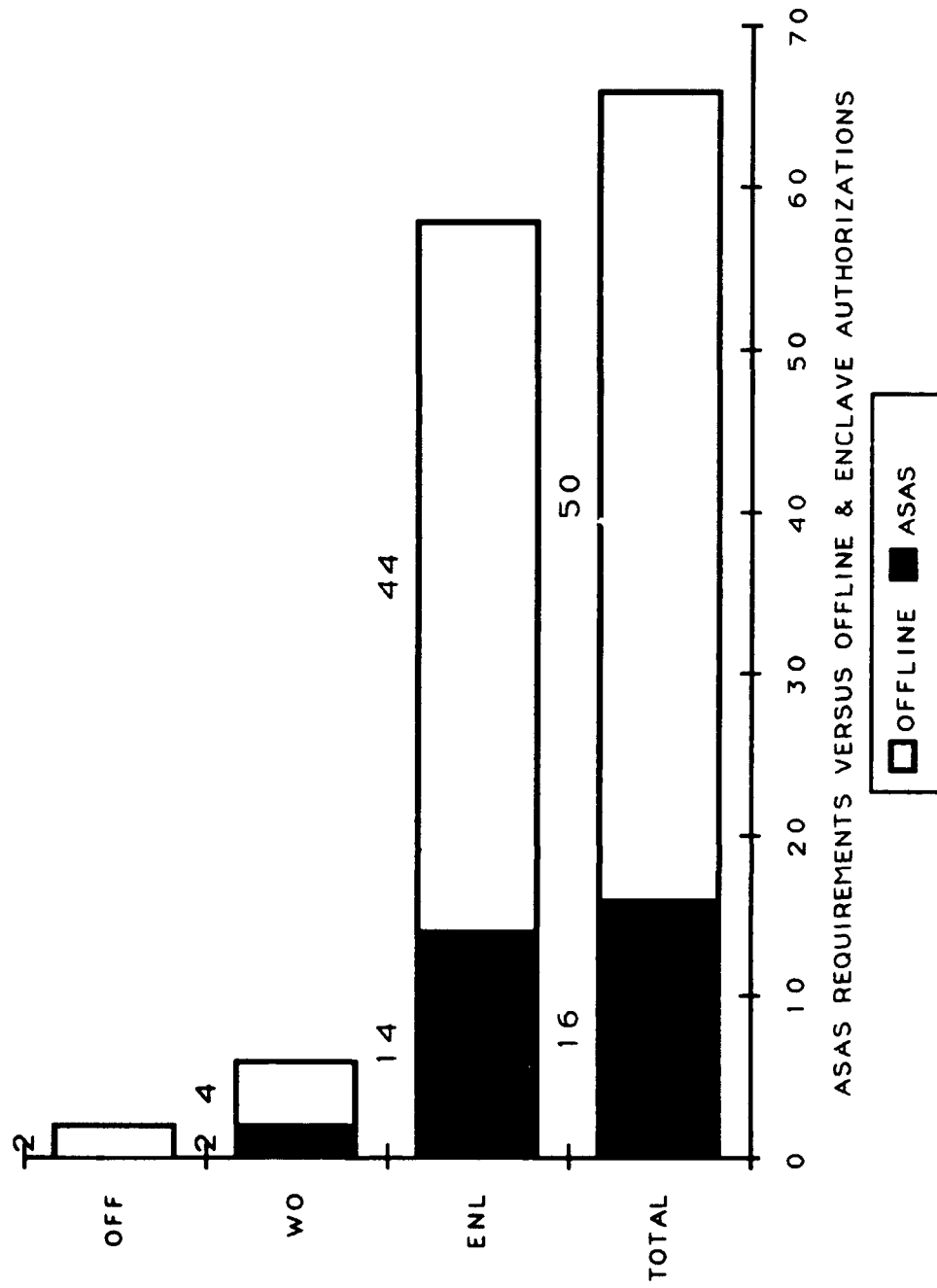
ENCLAVE MANPOWER IMPACTS
AIRBORNE CORPS TCAE ENCLAVE



**ENCLAVE MANPOWER IMPACTS
HEAVY CORPS TSE ENCLAVE**

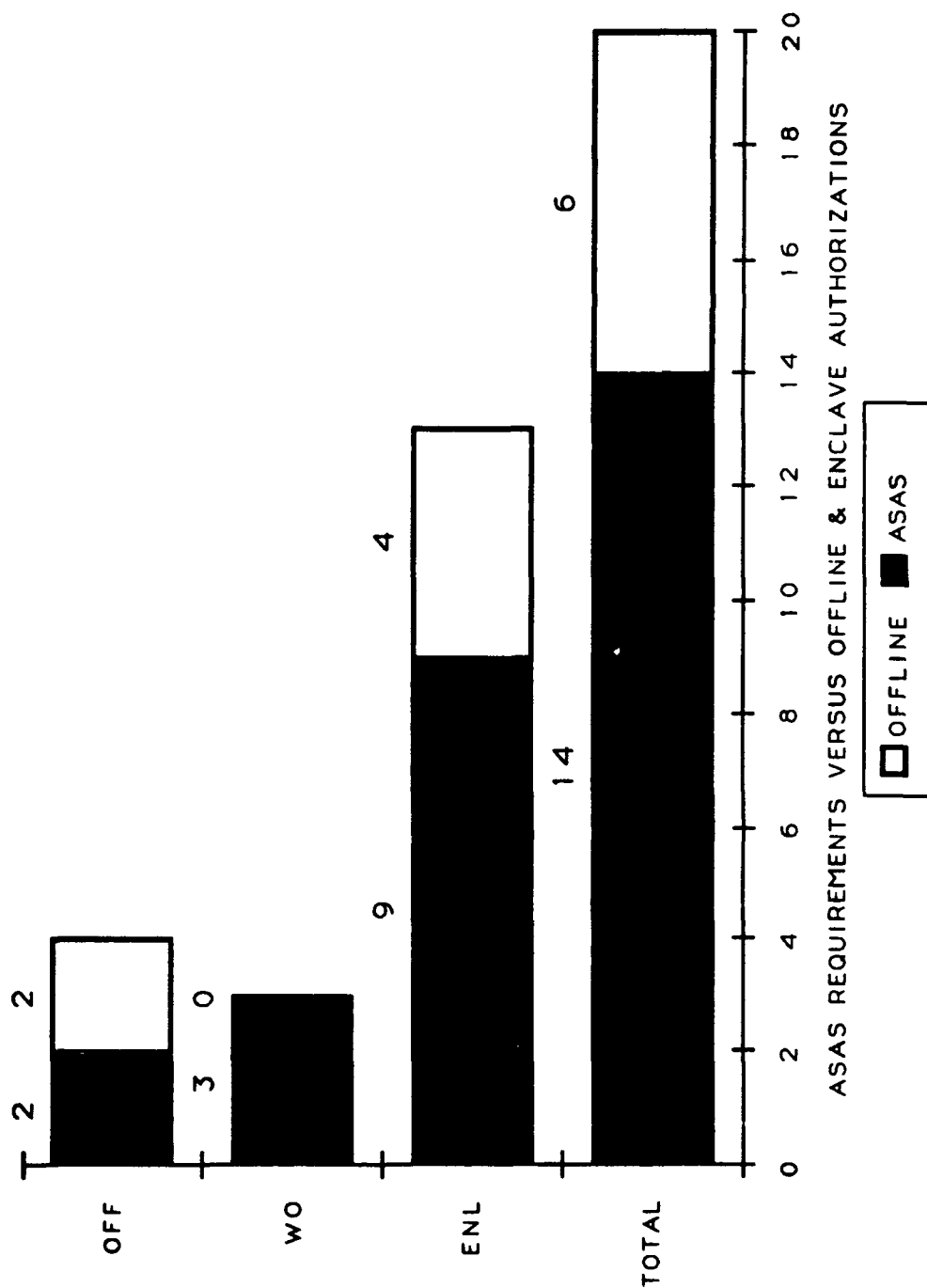


**ENCLAVE MANPOWER IMPACTS
HEAVY CORPS TCAE ENCLAVE**



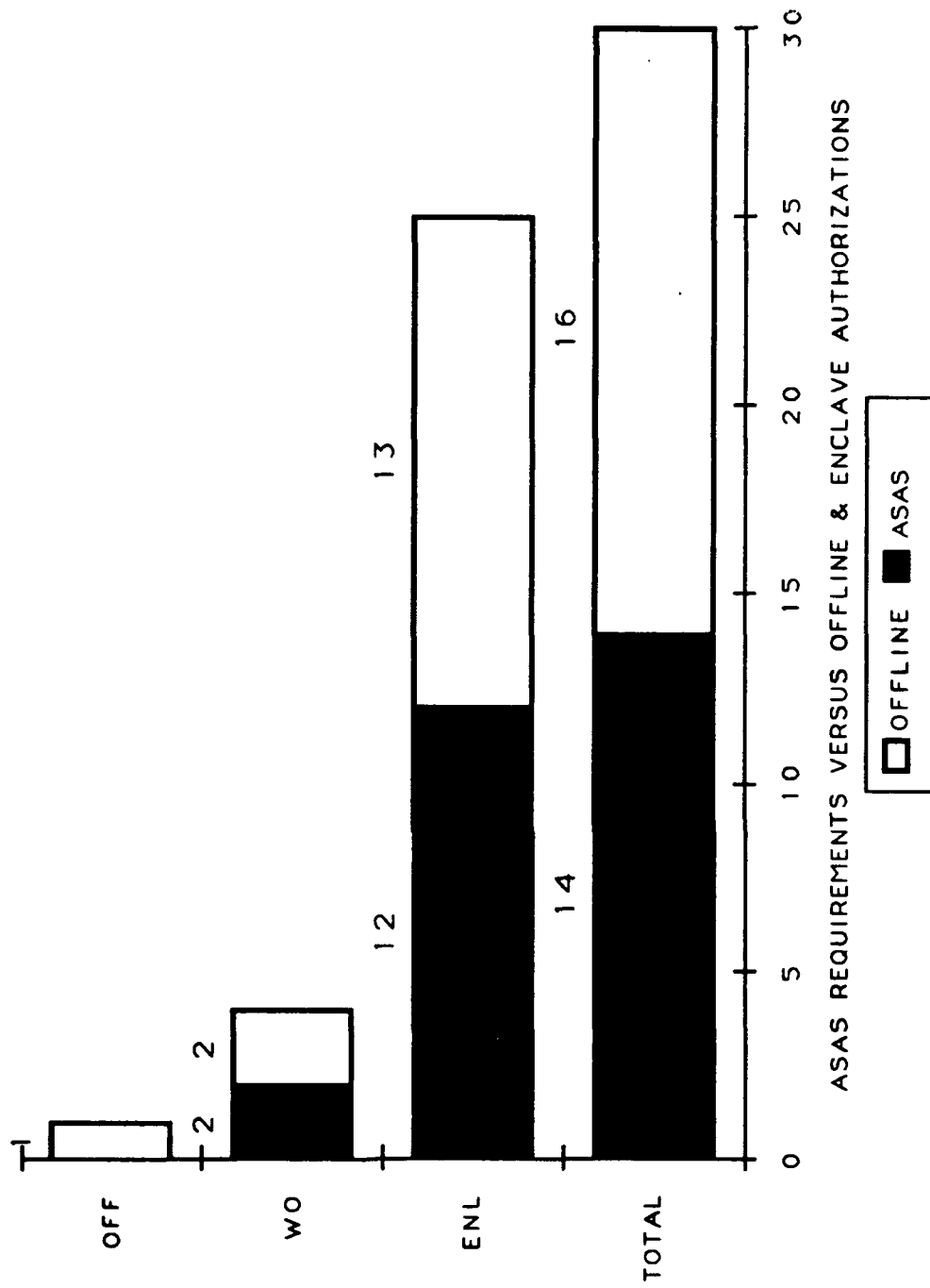
THE HEAVY CORPS
TCAE ENCLAVE
CONSISTS OF THE
TCAE/MISSION
MANAGEMENT
SECTION, SIGINT
INTEGRATION AND
REPORTING SECTION,
ELINT ANALYSIS
TEAM, AND TRAFFIC
ANALYSIS TEAM

ENCLAVE MANPOWER IMPACTS
LIGHT DIVISION TSE ENCLAVE



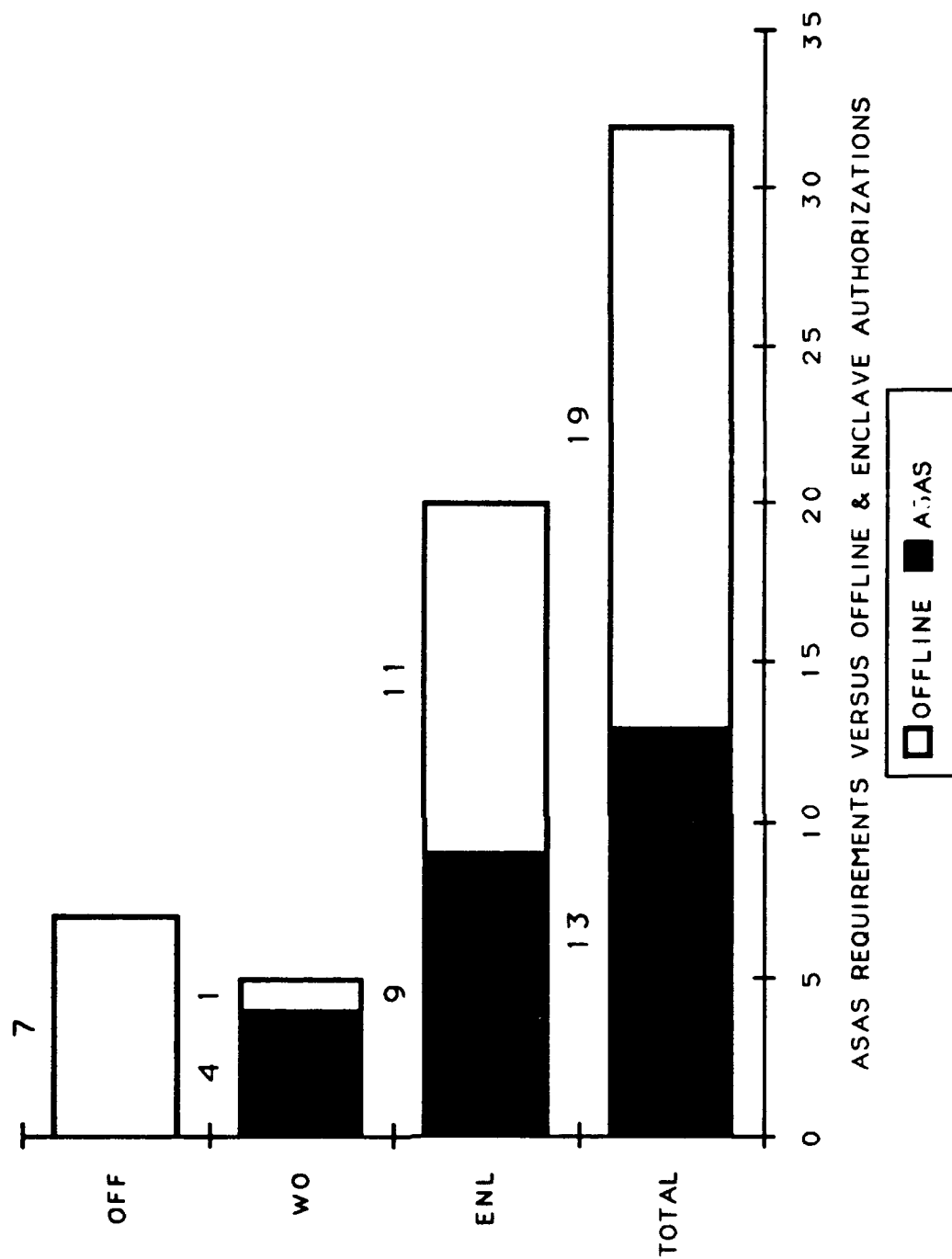
THE LIGHT DIVISION
TSE ENCLAVE
CONSISTS OF THE
DIOC COLLECTION
MANAGEMENT AND
DISSEMINATION
SECTION, AND THE
ALL SOURCE
INTELLIGENCE
SECTION

ENCLAVE MANPOWER IMPACTS
LIGHT DIVISION TCAE ENCLAVE

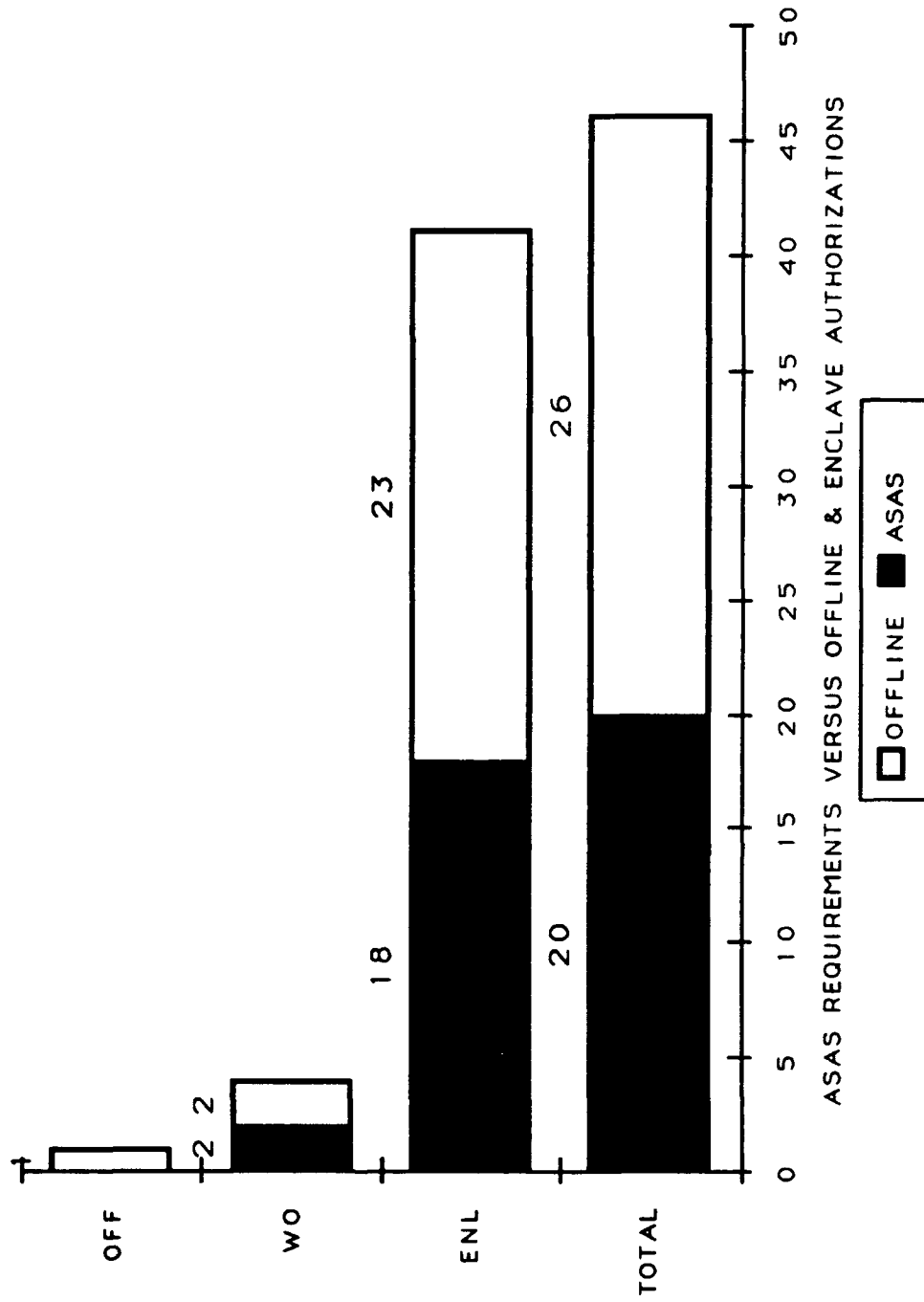


THE LIGHT DIVISION
TCAE ENCLAVE
CONSISTS OF THE
TCAE OPERATIONS
SECTION AND THE
OPERATIONS
SUPPORT SECTION

ENCLAVE MANPOWER IMPACTS
HEAVY DIVISION TSE ENCLAVE



ENCLAVE MANPOWER IMPACTS HEAVY DIVISION TCAE ENCLAVE



THE HEAVY DIVISION
TCAE ENCLAVE
CONSISTS OF THE
TCAE OPERATIONS
SECTION, THE
TRAFFIC ANALYSIS
TEAM, AND THE
ELINT ANALYSIS
TEAM